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# HARVEY SEED COMPANY, INC.

65-69 ELLICOTT STREET  
BUFFALO 5, N. Y.



## 1949



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U. S. Department of Agriculture



# Collection of Desirable, Showy, Free Flowering Annuals

THAT WILL DO WELL IN ALMOST ANY GARDEN



Ageratum, Blue

## AGERATUM, Blue Perfection

Short plants, fuzzy blossoms, suitable for Border.

Pkt. 10c, \$3.00 oz.

## CALENDULA

Large, showy flowers, unsurpassed for cutting, will thrive in poor soil.

Pkt. 10c, 50c oz.



Calendula



Verbena

## VERBENA

Dwarf creeping plants that produce clusters of star-shaped blossoms in several colors.

Pkt. 10c, \$1.80 oz.

## SNAPDRAGON

Rust proof de luxe mixture. Grows 18 to 24 in. high. Long spikes of closely bunched flowers. A very wide color range.

Pkt. 10c, \$2.75 oz.

## LARKSPUR

Soft, green, feathery foliage. Long floral spikes, wide range of soft colors.

Pkt. 19c, 60c oz.

## SALVIA SPLENDENS

Grows 24 in. tall. Large, free blooming plants.

Pkt. 25c, \$6.00 oz.



Dianthus, Pinks

## DIANTHUS, Sweet Wivelsfield

Rapid growing annual. Pink that is remarkably free flowering.

Pkt. 10c, \$1.80 oz.

## SALPIGLOSSIS

Wonderful range of colors. Short plants that are excellent for borders or hedges.

Pkt. 10c, \$1.50 oz.



Salpiglossis



Antirrhinum, Snapdragon



Salvia Splendens



Larkspur



**ALL YOU NEED IS A PLOT 12' BY 12' TO GROW THIS YEAR'S SUPPLY OF VEGETABLES—WITH PLENTY FOR CANNING! THE PLAN BELOW WILL SHOW YOU HOW!**



Curled Parsley  
Lucullus Swiss  
Chard  
Hollow-Crown  
Parsnip  
Top Notch Golden  
Wax Beans  
Detroit Dark Red  
Beets  
Scarlet Globe  
Radish  
Icicle Radish  
Bloomsdale Spinach

By following these simple rules, your success is assured and a supply of fresh vegetables of wonderful flavor will be available throughout the summer and a considerable amount can be canned or stored.





# HARVEY SEED CO., INC.

Buffalo, N. Y.

1949 SEED ANNUAL

Succeeding with Seeds Since 1858

In an endeavor to further our services to you we maintain and offer the facilities of our Laboratory to solve your problems. With the special scientific equipment at our disposal we are prepared to make a complete and accurate soil test for you. Also to render expert advice on problems relating to pest and rodent control in Field, Home, or Factory. Your problems will be given the utmost consideration and advice of exhaustive research.

The policy of the Harvey Seed Co., Inc., over a period of 91 years has been the greatest possible satisfaction to every customer.

## VEGETABLES OF QUALITY

The seeds offered in this catalog were produced by the leading growers who specialize in particular varieties that experience has shown can best be grown in their locality. Due to the profound effect that climate and soil have on different varieties of seeds it is necessary to have the various kinds grown in sections scattered all over the world.

Our 91 years of experience has proven what part of the world and what growers will produce the best and most uniform strains.

By handling seeds grown by growers who specialize in only those seeds favorable to their soil and climate and who by careful selection have brought their strains to a high state of perfection, we offer the public only seeds of high quality.

## FLOWERS

Nothing adds so much to the attractiveness of a house and grounds as a few flowers well cared for, and nothing will give more satisfaction than watching them develop during the season. If the flower garden is well planned you can have a beautiful display from Spring until late in the Fall.

Even if very little land is available very pleasing results can be obtained, especially if porch and window boxes are used to supplement the garden or border.

We carry in stock on a large scale, flower seeds, bulbs, and freshly dug plants of the highest quality.

MARKET GARDENERS who require large quantities of Seeds will be quoted special prices upon request. Submit a list of varieties and quantities and we will mail quotation by first mail.

## NOTE—GARDEN THIS YEAR!

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## FACTS YOU SHOULD KNOW BEFORE ORDERING

### OUR SEEDS

Are all fresh and reliable. Nothing is more essential to successful farming and gardening than good seed. With a full appreciation of this fact we offer only tried seeds of undoubted purity.

### FREE DELIVERY ON SEEDS

Free delivery on all flower and vegetable seeds except Peas, Beans and Corn, on which postage must be added according to zone rates, which are very reasonable. Five cents for the first pound, two cents for the second pound and one cent for each additional pound for the first and second zones. All orders shipped the same day as received.

### BY EXPRESS

At places where the Express Companies have offices, any of our goods can be ordered through their agents, who will furnish blanks for the purpose, saving postage and trouble. No charge whatever is made by the Express Com-

panies for their services, other than the usual rate for carrying goods

### HOW TO ORDER—REMITTANCES

Orders should be accompanied with remittance or good reference. This saves much trouble and confusion during the hurrying season. The safest way is to send by registered letter, post office order or express, except for sums less than one dollar, for which we will accept stamps. Be particular to give name and post office address fully and distinctly.

**NON-WARRANTY**—There are contingencies continually arising to prevent the very best seeds always giving satisfaction. For these reasons it is impossible to guarantee seeds under all circumstances. Therefore, we, The Harvey Seed Co., Inc., give no warranty, express or implied, as to the productiveness of any seeds we sell and will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed.

*Today's uncertainties make quotations on goods for future deliveries extremely hazardous. While we will do our best to ship at prices mentioned, we will not, and do not, guarantee to do so. We also reserve the right to revise prices at any time prior to delivery. You will be advised of such changes made prior to delivery if you so request, otherwise your acceptance of the changed price, if any, will be assumed. Orders are booked subject to any and all conditions beyond our control.*





## VEGETABLE SEEDS

### BETTER CROPS FROM HARVEY'S SEEDS

You get the same high quality seed in these garden size packages as we furnish the market gardener and florist, whose living depends upon the quality of seed he sows.

#### ARTICHOKE

(It.) Carcioto

**Large Green Globe**—This variety is a perennial and produces the flower buds which are used for food the second year after sowing the seed. The seed is sown early in the Spring. Cover the crowns of the plants with a mound of coal ashes as soon as the ground freezes.

#### ASPARAGUS

(Ger.) Spargel (It.) Sparasio

Sow as early in the spring as the ground will admit of working, in rows a foot apart. Keep carefully hoed and free from weeds and the plants will be in condition to set out the succeeding Spring. The soil for the permanent beds should be thoroughly manured and trenched. Plant in rows three feet apart and one foot between the plants in the rows, and let the crown of the plant be covered about six inches deep. One ounce of seed will produce about five hundred plants.

**Mary Washington**—Disease resistant variety and very vigorous. Pkt. 10c, oz. 25c, 1/4 lb. 75c, lb. \$2.50.

#### ASPARAGUS ROOTS

**Mary Washington**—Doz. 45c, 100 \$3.50.

#### BEANS FOR THE HOME GARDEN

Beans require a light rich soil. Plant two inches deep in drills two feet apart and keep the earth about them loose and clean. Delay planting until the weather has become warm and settled as they will not stand the least cold. One pound will plant about 50 ft. of row.

#### GREEN PODDED DWARF OR BUSH BEANS

**Tendergreen**—Pods round, fleshy, dark green and stringless. One of the best for both home and market garden use. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lbs. \$5.00.

**BOUNTIFUL**—Large thrifty prolific plants producing eight-inch straight broad flat light green pods that are stringless, brittle and tender. One of the best for home and market garden use. Season 51 days. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lbs. \$5.00.

**Full Measure**—Unsurpassed for home and market trade. Very prolific, producing pods 6 inches long, fairly straight, round, stringless and dark green in color. Season 60 days. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lb. \$5.00.

**Late Refugee**—1,000 to 1. Canning and pickling sort. Heavy yielder. Pods 5 1/2 inches long, slightly curved, light green and not stringless. Season 80 days. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lb. \$5.00.

**STRINGLESS GREEN POD**—By far the best green bean for the garden. Excellent for canning. Very productive. Six to seven inches long straight round dark green pods that are very meaty and stringless. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lb. \$5.00.

**Stringless Refugee**—A valuable late market canning variety. Pods 5 1/2 inches long, round slight curved, light green in color and stringless. Season 68 days. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lb. \$5.00.

**Stringless Black Valentine**—A market garden variety for late sowing. Pods 5 1/2 to 6 1/2 inches long, slightly curved, semi-flat and stringless. Season 55 days. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lb. \$5.00.

#### BUSH—WAX PODDED OR BUTTER BEANS

**Brittle Wax (Round Pod Kidney Wax)**—Erect plants bearing waxy yellow round pods that are meaty and stringless. Prolific and a good canning variety. Season 62 days. Pkt. 10c, 1/2 lb. 35c, lb. 60c, 10 lb. \$5.25.



Tendergreen



## BEANS—Continued

**Improved Golden Wax**—Best home garden variety. Small very productive plants. Pods golden yellow, four inches long and flat. Season 50 days. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lb. \$5.00.

**Pencil Pod Black Wax**—Unexcelled for home and market garden use. Large thrifty plants that bear over a long period and very prolific. Round slightly curved deep yellow pods. 6 1/2 inches long, stringless and brittle. Season 59 days. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lb. \$5.00.

**Unrivalled Wax**—Medium large thrifty plants that are very prolific. Brittle, stringless clear yellow pods 5 inches long. The pods are narrow and fleshy. Season 53 days. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lb. \$5.00.

SPECIAL PRICE ON LARGER QUANTITIES

## POLE OR RUNNING BEANS

Set poles 3 by 4 feet apart and plant 5 or 6 beans around each pole. They are not so hardy as the Dwarf varieties and should not be planted till the weather is settled and warm. They need the best of soil to do well. One quart to 150 poles.

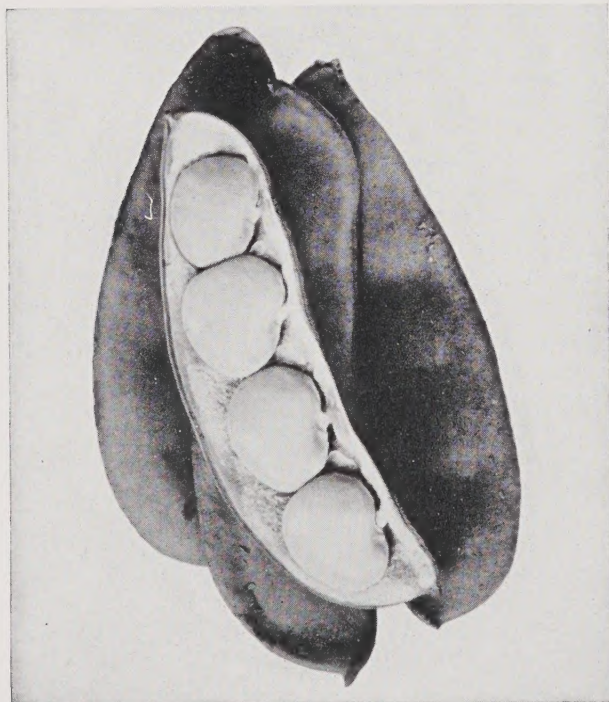
**Kentucky Wonder**—The pods are very long round light green entirely stringless and of high quality. Very productive. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lb. \$5.00.

**Kentucky Wonder Wax**—Similar to Kentucky Wonder except the pods are yellow instead of green. Pods stringless when young, long and bright yellow. 64 days to picking. Pkt. 10c, 1/2 lb. 30c, lb. 55c, 10 lb. \$5.00.

**Scarlet Runners**—Grown principally as an ornamental vine. The flowers are bright scarlet and grow in clusters. Oz. 10c, lb. 75c.

## BUSH LIMA BEANS

**Burpee's Bush Lima**—A bush form of the large pole Lima. The bushes grow from 18 to 20 inches high of stout growth and always erect. A good yielder. Mid-season. Pkt. 10c, 1/2 lb. 40c, lb. 70c, 10 lb. \$6.00.



Burpee's Improved Bush Lima

**BURPEE'S IMPROVED BUSH**—This bean has larger size and deeper green color than the old strain. Season 75 days. Pkt. 10c, 1/2 lb. 40c, lb. 70c, 10 lb. \$6.00.

**Fordhook**—The best of the Potato Limas. The beans are very thick and plump. Best for market if sold in the pod. Season 75 days. Pkt. 10c, 1/2 lb. 40c, lb. 70c, 10 lb. \$6.00.

**Henderson's Bush Lima (Baby Lima)**—Medium compact plants producing 3-inch pods. Small seeded and a heavy yielder. Season 65 days. Pkt. 10c, 1/2 lb. 35c, lb. 60c, 10 lb. \$5.50.

## POLE LIMA BEANS

**King of the Garden**—Most popular Pole Lima Bean. Very productive and pods well filled with large size beans. Pkt. 10c, 1/2 lb. 35c, lb. 60c, 10 lb. \$5.50.

**Leviathan**—A week earlier than any other variety. Strong grower, takes to the poles more readily than others, producing its pods in clusters well filled with large fleshy beans. Pkt. 10c, 1/2 lb. 35c, lb. 60c, 10 lb. \$5.50.

## FIELD BEANS

**White Kidney**—Used extensively as a shell bean. lb.

**White Marrowfat**—lb.

**Red Kidney**—lb.

**Medium**—lb.

**Pea**—lb.

Bags extra on Beans, Peas, Grass Seed and Seed Grains.

## HARVEY'S TABLE BEETS

Select rich sandy loam, and sow in drills 16 inches apart, and cover an inch deep. When the young plants appear thin to 4 inches apart and keep the ground well worked. For early use sow as soon as the ground can be worked in the Spring and for general crop about the middle of May. The Mangel Wurzels are grown solely for stock and require about the same treatment as the beets. One ounce of seed will plant 50 feet of row.

**DETROIT DARK RED**—Our strain is carefully selected for the market and home garden. Perfect globe shape with small tops, fine dark red color both of skin and flesh, a smooth tap root. Season 55 days. Pkt. 10c, oz. 35c, 1/4 lb. 70c, lb. \$2.50.

**Early Wonder**—A very good early beet resembling the Crosby's Egyptian but more flattened than a good strain of that variety and is a few days earlier. The beets are dark red and have small tops. Season 50 days. Pkt. 10c, oz. 35c, 1/4 lb. 70c, lb. \$2.50.

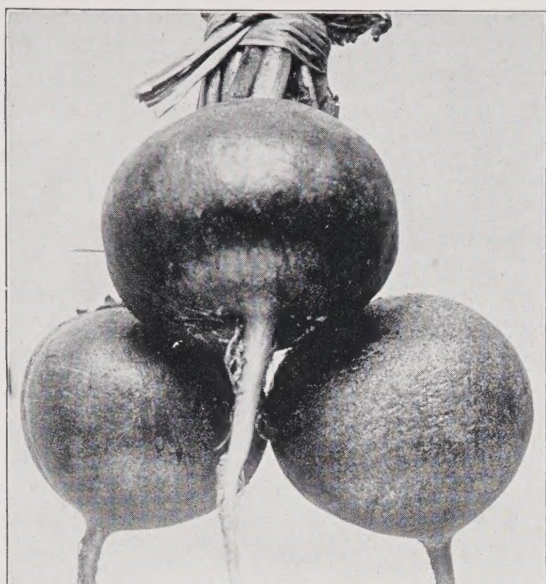
**Crosby's Egyptian**—An early variety for home and market garden use. Roots flattened globe in shape with small tap root, dark red. Flesh purplish red. Very tender and sweet. Season 50 to 65 days. Pkt. 10c, oz. 35c, 1/4 lb. 70c, lb. \$2.50.

**Good for All**—An excellent new variety developed from Detroit Dark Red. Especially fine for canning and pickling whole at 1 1/4 to 1 1/2 inches in diameter. Roots smooth, even in size and shape, and almost perfectly globular, collar and tap roots very small, interior deeply crimson, free from white zones. Pkt. 10c, oz. 35c, 1/4 lb. 70c, lb. \$2.50.

## SWISS CHARD or SPINACH BEET

Cultivated for its leaf stocks, which are served as asparagus, and for its leaves cooked as spinach, cut often, new and more tender stalks will be produced. Pkt. 10c, oz. 30c, 1/4 lb. 65c, lb. \$2.25.





Detroit Dark Red Beet

## MANGEL WURZELS

**Mammoth Long Red**—Of immense size, tends less to hollow necks than the common long red varieties. Oz. 20c, 1/4 lb. 45c, lb. \$1.50.

**Golden Tankard**—Flesh deep yellow, with light colored rings, good cropper. Oz. 15c, 1/4 lb. 45c, lb. \$1.50.

**Giant Half Sugar**—Oz. 15c, 1/4 lb. 50c, lb. \$1.50.

## BORECOLE OR KALE

(Ger.) Blatter Kohl (It.) Cavolo Verdi

Sow from middle of April to May, in June transplant to rich mellow soil and cultivate same as Cabbage. They are rendered very tender and delicious by moderate touches of frost in Autumn.

**Dwarf Green Curled Scotch**—Bright green, beautifully curled. Pkt. 10c, oz. 35c, 1/4 lb. \$1.00, lb. \$3.00.

**Tall Curled**—Very hardy and prolific. Pkt. 10c, oz. 35c, 1/4 lb. \$1.00, lb. \$3.00.

## BROCCOLI

(Ger.) Spargel Kohl (It.) Cavolo Broccolo

The Broccoli are so closely allied to the Cauliflower as to be scarcely distinguishable either by taste or color. They are more hardy and certain to head, they require the same treatment. One ounce of seed will produce about 2,500 plants.

**Early Calabrese**—Pkt. 10c, oz. 50c, 1/4 lb. \$1.50.

**Italian Green Sprouting**—Pkt. 10c, oz. 50c, 1/4 lb. \$1.50.

## BRUSSELS SPROUTS

(Ger.) Kopf Kohl

Allied to the Cabbage family, producing from stalks of the plants an abundance of sprouts resembling small cabbages. Cultivate same as Cabbage.

**Dwarf Improved**—Very fine heads. Pkt. 10c, oz. 75c.

Treat your Cabbage, Cauliflower, Tomato, Pepper and in general all Seeds started under glass before planting with Semesan. This generally prevents and controls damping off, increases germination and produces a more robust plant in less time. See page 34.

## HARVEY'S CABBAGE

(Ger.) Kopf Kohl (It.) Cavolo Cappuccio

Sow the seeds of the early varieties in hotbeds the latter end of February or early in March, and transplant in April. For second early sow the seed in open ground early in May, and for late use, the first of June. In planting set the stem well down. The ground should be frequently worked to get good results. One ounce of seed will produce about 2,000 plants.

### EARLY VARIETIES

**Golden Acre**—The earliest cabbage. Heads of medium size, round and very firm. The most profitable for early market. Pkt. 10c, oz. 70c, 1/4 lb. \$2.50, lb. \$6.00.

**Copenhagen Market**—Very early and the heads are of fine quality, tender and without coarseness. Pkt. 10c, oz. 70c, 1/4 lb. \$2.00, lb. \$6.00.

**Early Jersey Wakefield**—A standard Early Cabbage in Boston markets. Pkt. 10c, oz. 50c, 1/4 lb. \$1.75, lb. \$5.50.

### INTERMEDIATE VARIETIES

**Early Winningstadt**—Undoubtedly the best cone-shaped Cabbage in existence, extremely hard. Pkt. 10c, oz. 70c, 1/4 lb. \$2.50, lb. \$6.00.

**Glory of Enkhuizen**—A round early variety from Holland with shape of Danish Ballhead, never cracks in the field and for early market is unsurpassed. Pkt. 10c, oz. 70c, 1/4 lb. \$2.50, lb. \$6.00.

### LATE VARIETIES

**Danish Ballhead—Short Stem**—Our strain is of the best. Heavy yielder. Heads solid globe shaped, slightly flattened. Most profitable to raise. Pkt. 10c, oz. 70c, 1/4 lb. \$2.50, lb. \$6.00.

**Large Late Drumhead**—A superior Fall and Winter variety. Pkt. 10c, oz. 70c, 1/4 lb. \$2.50, lb. \$6.00.

**Premium Flat Dutch**—Too well-known for comment. A sure header. Pkt. 10c, oz. 70c, 1/4 lb. \$2.50, lb. \$6.00.

**Red Drumhead**—Used for pickling. Pkt. 10c, oz. 75c, 1/4 lb. \$2.50.

**Improved Drumhead Savoy**—Larger than Ulm, not quite so early. Pkt. 10c, oz. 70c, 1/4 lb. \$2.50, lb. \$6.00.



Broccoli, Italian Green Sprouting





Danish Ballhead Cabbage (See Page 7)

## CHINESE OR CELERY CABBAGE

Cut into quarters and boiled with a meat or alone, its mild, rich flavor and tenderness put it far ahead of Cabbage. Sliced thinly and served cold with a cream dressing, it makes a most appetizing cold slaw. Served with broiled sliced bacon and a hot meat gravy poured over it, it is very good. Boiled, fried, baked with cheese any way you have a mind to cook or serve Chinese Cabbage, you will find it delicious. There won't be any tough outside leaves to it for it's practically all heart, tender, crisp and juicy. It is very easily grown. Sow the seed in July in rows 15 inches apart and thin the same as Lettuce. A wonderful new salad plant, very rapid grower.

**Chihli**—Superior to the old Wong Bok or Pte-Tsai. Pkt. 10c, oz. 50c,  $\frac{1}{4}$  lb. \$1.75, lb. \$5.50.

## CARROTS FOR GARDEN AND FARM

(Ger.) Mohre (It.) Carota

Carrots require a rich sandy soil to reach perfection. For an early supply sow in the Spring as soon as the ground can be worked. Carrots are very susceptible to dry weather which is apt to prevent the germination of the seed or burn the young plants as soon as they appear above the ground. It is therefore advisable to use a liberal quantity of seed which will give the crop a better chance. One ounce of seed will plant 150 feet of drill.

**Nantes Coreless**—A very fine variety for table use. The carrots are very tender of mild pleasant flavor and without any hard core as in some varieties. The shape is ideal for a table carrot, being practically the same size from crown to bottom. The roots grow to a medium size, are very smooth and of a deep orange red color all through. The carrots grow rapidly and are excellent for use when either young or full grown. Pkt. 10c, oz. 55c,  $\frac{1}{4}$  lb. \$1.75, lb. \$4.00.

**Chantenay**—A stump-rooted scarlet variety. Roots broad shouldered and always symmetrical. Try it for market. It will please you. Pkt. 10c, oz. 55c,  $\frac{1}{4}$  lb. \$1.65, lb. \$4.00.

**Chantenay Red Cored**—This carrot has a deep orange color right through to the center. The carrots are of the same size and shape as Chantenay and will yield as well. Pkt. 10c, oz. 55c,  $\frac{1}{4}$  lb. \$1.65, lb. \$4.00.

## BETTER CROPS FROM HARVEY'S SEEDS

A standard of Quality for City, Farm and Suburban Homes.

**Danvers Half Long**—Popular for home and market trade. Bright deep orange roots, 6 to 7 inches long, uniformly tapered to a blunt end. Good shipper. Crisp and tender. Pkt. 10c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.00.

**Oxheart or Geurande**—This variety while not attaining one-half the length of some other varieties will compare favorably in bulk of crop with any. What it lacks in length is made up in thickness. The crop can easily be pulled, no digging being required. Pkt. 10c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.00.

**Imperator**—An excellent variety for market garden use. Strong medium tops for bunching. Smooth roots with sloping shoulders and uniformly tapered to a semi-blunt end. Deep rich orange colored flesh extending to the center with very indistinct core. Tender and of excellent quality. Pkt. 10c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.00.

**Improved Long Orange**—Roots 10 to 12 inches long, scarlet orange in color. Heavy cropper and mostly grown for stock. Oz. 40c,  $\frac{1}{4}$  lb. \$1.45, lb. \$3.75.

**White Belgian**—The largest variety grown exclusively for stock, grows one-third out of the ground. Pkt. 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.45, lb. \$3.75.

### Special Prices on Quantities

## CAULIFLOWER

(Ger.) Blumen Kohl (It.) Cavol Fiore

It requires much the same treatment as the Cabbage and reaches perfection in the cool moist weather of the Fall months.

**Dry Weather**—Large white solid heads with large leaves, which protect it from the weather, about ten days later than the Erfurt. A splendid sort for the main crop.

**Dwarf Erfurt**—"Seed especially selected." Easily deserves first place in the list. Our stock of this variety is perfect. It is a beautiful white curd and will head under the most adverse circumstances. Pkt. 15c, oz. \$2.75,  $\frac{1}{4}$  lb. \$10.00.

**Super Snowball**—Much earlier than any other strain. It is dwarf and makes a fine large white head. Our strain comes from one of the most foremost growers in Denmark. Pkt. 25c, oz. \$3.00,  $\frac{1}{4}$  lb. \$11.00, lb. \$40.00.

**Snowball**—We have secured the best Danish strain obtainable. Although an early variety this strain is most excellent for late or main crop as well as for forcing and Summer use. Pkt. 25c, oz. \$2.85,  $\frac{1}{4}$  lb. \$10.00, lb. \$35.00.

**ITALIAN, Purple Cauliflower**—The heads are much like ordinary Cauliflower, but instead of being white are deep purple on top. More delicious than the other cauliflower.



Super Snowball Cauliflower





Golden Self-Blanching

## CELERY

(Ger.) Seleri (It.) Sedano

Plant seed in hotbed or very early in open ground. When three inches high transplant four inches apart, water and protect until well rooted, then transplant in trenches, setting the plants twelve inches apart in rows. To blanch, draw the earth around the plant from time to time, taking care not to cover the tops of the center shoots.

**Golden Self-Blanching**—The leading early market variety of dwarf habit and of a beautiful golden yellow color. We have the right stock of this variety. Pkt. 10c, oz. \$1.25, ¼ lb. \$4.00, lb.

**Winter Queen**—Most popular of all for Winter use. Has large heart of rich golden yellow and good keeper. Pkt. 10c, oz. 75c, ¼ lb. \$2.50, lb. \$8.00.

**Golden Plume or Wonderful**—Similar to Golden Self-Blanching but of more vigorous sturdy growth. Heavy solid stalks that blanch quickly and are of fine quality. Pkt. 10c, oz. \$1.25, ¼ lb. \$4.00, lb.

**Columbia**—Good general crop variety. Pkt. 10c, oz. 75c, ¼ lb. \$2.50, lb. \$8.00.

**White Plume**—A distinct variety of great merit. Its stalks and inner leaves are naturally white, so that by tying up with matting or drawing the earth up around the plants with the hands the work of blanching is completed. Pkt. 10c, oz. 75c, ¼ lb. \$2.50, lb. \$8.00.

**Sanford Superb, or Easy Bleacher**—This is one of the most valuable varieties that has come to our notice. Plants set out the same time as Golden Self-Blanching will be ready for market two weeks later. Bleaches readily with boards and grows well both on muck and upland. It is equally as stout and a trifle taller than Golden Self-Blanching and is less liable to blight. The eating and keeping qualities are both far superior to Golden Self-Blanching. Pkt. 10c, oz. 75c, ¼ lb. \$2.50, lb. \$8.00.

**Celeraic, or Turnip Rooted Celery**—Largely used for soups. Pkt. 10c, oz. \$1.25, ¼ lb. \$4.00.

## CRESS OR PEPPER GRASS

(Ger.) Kresse

A useful salad plant. It gives a pungent relish mixed with Lettuce or other salad plants. Sow the seed thickly at frequent intervals for a succession in drills one foot apart.

**Extra Curled**—Very fine. Will bear frequent cutting.

## CUCUMBERS

(Ger.) Ghurke (It.) Cetriolo

Cucumbers should not be planted until all danger from frost is past. Sow in light rich soil, in hills four feet apart, the seed to be covered about one-half inch with finely pulverized soil and firmly pressed down with the back of the hoe. When well up and out of danger from insects thin to four plants in a hill. The middle of June is early enough to plant for pickling. One ounce will plant 50 hills.

**The Davis Perfect**—In color a dark glossy green. Shape slim and symmetrical with an average length of 10 to 12 inches. They never grow pussy and hold their color till nearly ripe. The quality is fine, as it has very few seeds which are small and very soft when fit for table use. It is a strong grower and successfully resists the cucumber disease. Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.00.

**Early Fortune**—One of the best. Fruits average nine inches long. Early and very productive. Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.00.

**Woodruff's Hybrid**—A popular Cucumber for market. Grows 8 to 10 inches long, deep green and stays green a long time. It is a White Spine variety. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.30.

**Improved White Spine**—Excellent for table use. A great bearer. Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.00.

**Improved Long Green**—An old standard sort, makes hard brittle pickles. Oz. 35c, ¼ lb. \$1.00, lb. \$3.00.

**Clark's Special**—No Cucumber of this size and shape has any better color. Length when mature about ten inches. It is somewhat later than Early Fortune but the color is better. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.30.

**Boston Pickling**—Medium size superior quality. Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. \$2.40.

**Early Frame**—A very popular variety, short and prolific. Pkt. 10c, oz. 30c, ¼ lb. 75c, lb. \$2.40.

**Green Prolific**—As a pickling variety is unsurpassed. Noted for its uniform growth and great productiveness. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.40.

**Longfellow**—An extra long slender dark green Cucumber, excellent for markets or home garden. Pkt. 10c, oz. 30c, ¼ lb. 85c, lb. \$3.00.

**Straight Eight**—An excellent new outstanding variety for slicing. Produces a large yield of uniform cucumbers about eight inches long, always straight, medium dark green and smooth. Pkt. 10c, oz. 35c, ¼ lb. \$1.00, lb. \$3.00.

**Chinese Yard Long**—An excellent novelty for the home garden. Extra long fruit that are both crisp and firm. Good color.



Davis Perfect





Golden Bantam

## SWEET CORN

(Ger.) Corn

Plant the smaller varieties about the middle of May, in drills three feet apart, stalks ten inches apart in the rows or in hills three feet apart each way. The taller varieties on rich soil should be given more space. We have taken great pains to secure only the best varieties. One quart will plant 200 hills.

**Golden Hummer**—The largest and earliest of the yellow Sweet Corns. Trials show it to be six days earlier than Golden Sunshine and the ears fully an inch longer and is a twelve rowed Corn. Market gardeners will find this a very profitable variety on account of its size and earliness. We highly recommend it to you. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$4.00.

**Golden Cross**—12 Rowed Hybrid. Trials have proven this variety the most profitable for the market garden trade. 8½ inch—12 rowed ears of excellent quality and out-yielding Golden Bantam by better than 25%. Season about 77 days. Pkt. 10c, ½ lb. 40c, lb. 70c, 10 lb. \$6.50.

**Golden Bantam**—A very early Sweet Corn. Stock grows from 3½ to 4 feet high and bears from two to three ears 5 to 6 inches long, with eight rows of bright yellow grains, which are of the most delicious and tender quality. Though one of the earliest it may be had throughout the season by successive plantings. Season 75 days. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$4.00.

**Whipple's Early Yellow**—The ears are twice as large as Golden Bantam and mature a few days earlier. The ears are 8 to 9 inches long and have 14 to 18 rows of deep yellow kernels of fine quality. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$4.00.

**Golden Sunshine**—74 days. An extra early yellow variety. Ears have 10 to 12 rows and are 6 to 7 inches long and the Corn is of excellent quality. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$4.00.



Improved New York Purple

**Bantam Evergreen**—An early or intermediate yellow grained Sweet Corn of distinctive merit. Ears about seven inches long, usually twelve rowed and when in condition for use are light creamy yellow in color. The grain is rather short, very sweet and tender and is unsurpassed in quality. In season it is a few days later than Golden Bantam but remains in condition much longer than that variety. An excellent sort both for the home and the market garden. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$4.00.

**Stowell's Evergreen**—A well-known late variety. Remains green longer than any other kind. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$4.00.

**Country Gentleman**—The best medium late variety. Grains grow in irregular rows. Very tender and sweet. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$4.00.

**Black Mexican**—A black grained variety, one of the sweetest, excellent for private gardens. Pkt. 10c, ½ lb. 35c, lb. 60c, 10 lb. \$5.50.

## POP CORN

**Hulless**—Owing to the thin skin on the kernels, this Corn when popped is very tender. Lb. 30c.

**White Rice**—An old and popular variety. Lb. 30c.

**South American**—A newer type of huge kernalled yellow Pop Corn that has gained a large demand. Lb. 30c.

**Golden Queen**—A smaller variety of yellow Pop Corn. Lb. 30c.

## COLLARDS

Southern. Grows 2 to 3 ft. high. Produces large light green leaves that make delicious greens. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.25.

## CORN SALAD, OR FETTICUS

(Ger.) Lammersalat

A nice salad, is fit for use in six or eight weeks from time of sowing. If wanted early in Spring, sow in September and cover with straw or leaves as soon as cold weather sets in.

Large Seeded.

## EGG PLANT

(Ger.) Eier Pflanze (It.) Petronciano

A tender annual producing large egg-shaped fruit and considered a great delicacy. Sow the seed in a hotbed early in March. When the plants are three inches high transplant to pots, which plunge in the same bed so that the plants may become stocky and are readily set out. When the weather becomes warm transplant into good soil, three feet apart each way. One ounce will produce about 1,500 plants.



**Improved New York Purple**—An improved variety of the Round purple of deeper color, larger size and finer quality. Pkt. 10c, oz. 75c, ¼ lb. \$2.50.

**Black Beauty**—Best for northern states. Earliest good market variety. Pkt. 10c, oz. 75c, ¼ lb. \$2.50.

**Long Purple**—An early variety. Fruit 6 to 8 inches long and 2 to 3 inches thick, good yielder. Pkt. 10c, oz. 75c, ¼ lb. \$2.50.

## ENDIVE

(Ger.) Endivien (It.) Endivia

This vegetable is highly esteemed as a salad for Fall and Winter use. For an early supply sow in April or May, for general crop delay sowing until latter part of June. When the plants are three to four inches high transplant one foot apart each way, and keep free from weeds until the leaves are six to eight inches long, then blanch by gathering them carefully together when perfectly dry and tying by tips in a conical form to exclude light and air.

**Batavian Full Hearted**—An improved strain of Broad Leaved Batavian. Produces larger leaves and thicker heads. Plants grow upright and is a better variety for market gardeners and shippers. Earlier in maturity than Broad Leaf. Pkt. 10c, oz. 30c, ¼ lb. 65c, lb. \$2.25.

**Florida Full Hearted**—A large broad leafed variety that produces a heavy plant with full deep heart.

**Green Curled**—Moss-like appearance, beautifully curled. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

**White Curled**—Finely cut and curled leaves that are very light green in color and change quickly to creamy white when bleached. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

**French Endive (Witloof Chicory)**—A most appetizing and delicious salad.



French Endive, Witloof Chicory

## KOHL-RABI

(Ger.) Kohlrabi (It.) Cavola Rapa

Sometimes called Overground Turnip. Sow the seed frequently through June for a succession in rows two feet apart, thin the plants to one foot in the rows.

**Early White Vienna**—Flesh white and tender, very productive. Pkt. 10c, oz. 55c, ¼ lb. \$1.75, lb. \$5.50.

**Early Purple Vienna**—Very hard flesh of a purple color. Pkt. 10c, oz. 55c, ¼ lb. \$1.75, lb. \$5.50.

## LEEK

(Ger.) Lauch

A wholesome and useful vegetable. Sow in April in drills one foot apart and one inch deep, thin the plants to ten inches. One ounce for 1,000 plants.

**Large American Flag**—A standard variety. Pkt. 10c, oz. 65c, ¼ lb. \$2.00.

## HARVEY'S LETTUCE

(Ger.) Lettich

For an early supply sow in hotbeds in March and for main crop in the Spring as soon as the ground can be

worked. Thin or transplant when one inch high to one foot apart for heading. Hoe frequently to prevent them from going to seed. One ounce will sow a bed of 120 square feet.

**White Boston**—The heads resemble Big Boston but do not have the red tinge of that variety and form earlier. An excellent variety for growing on muck. Unsurpassed for home and market garden. Pkt. 10c, oz. 35c, ¼ lb. 95c, lb. \$2.85.

**New York or Wonderful No. 12**—A very large and solid variety showing but little tendency to run to seed. The color is a clear deep apple green on the outside, the inside being yellowish white. Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$3.50.

**Imperial 44, New Iceberg Type**—Best for muck. Pkt. 10c, oz. 50c, ¼ lb. \$1.50.

**Hanson**—This variety for outdoor culture cannot be excelled. The heads grow to a remarkable size and are sweet, tender and crisp even to the outer leaves. Pkt. 10c, oz. 25c, ¼ lb. 65c, lb. \$2.10, 5 lb. \$9.50.

**Early Curled Simpson**—Good either for forcing or open ground. Pkt. 10c, oz. 35c, ¼ lb. 90c, lb. \$2.50.

**Paris Cos**—One of the best of the Cos variety, large and exceedingly tender. Pkt. 10c, oz. 35c, ¼ lb. 95c, lb. \$2.50.

**Black Seeded Simpson**—Like the Simpson this variety does not form a head but differs from that variety in being much lighter in color. Stands the heat well and is well suited for forcing. Pkt. 10c, oz. 35c, ¼ lb. 90c, lb. \$2.50, 5 lb. \$10.00.

**Big Boston**—An early large heading variety, may be used either for forcing or open ground. One of the best for market gardeners use. Pkt. 10c, oz. 35c, ¼ lb. 90c, lb. \$2.50.

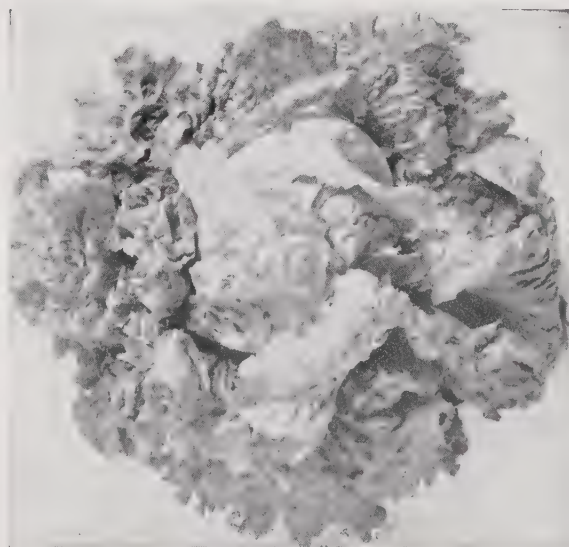
**Salamander**—Fine compact light colored heads which resist the Summer heat admirably. Pkt. 10c, oz. 35c, ¼ lb. 90c, lb. \$2.50.

**Iceberg**—Round solid heads, cream yellow heart. Pkt. 10c, oz. 35c, ¼ lb. 90c, lb. \$2.50.

**Grand Rapids**—Good forcing variety. Pkt. 10c, oz. 35c, ¼ lb. 90c, lb. \$2.50.

**Prize Head**—Large loose heads of a bright green, leaves beautifully frilled at the edge and washed with red giving it a very unique and handsome appearance. Pkt. 10c, oz. 35c, ¼ lb. 90c, lb. \$2.50.

**Chicken Lettuce**—A variety that will produce an abundance of leaves over a long period of growth. Grown for feed exclusively. Pkt. 5c, oz. 25c, ¼ lb. 50c, lb. \$1.60.



New York Lettuce



## MELONS—MUSK

(Ger.) Melone

Select light warm soil, plant in hills six feet apart each way. The hills should be prepared by digging out the soil a foot deep and thoroughly mixing in a couple of shovel fulls of well-rotted manure, filling up a little above the level. Planting should be deferred until warm settled weather. One ounce will plant 100 hills.

**Bender's Surprise**—This Melon has a thin cream colored skin and thick salmon colored flesh. Early, very productive and of delicious flavor, but grows to twice the size. Pkt. 10c, oz. 45c, ¼ lb. \$1.35, lb. \$3.00.

**ROCKYFORD**—Originated in Colorado, the most popular melon of the times, known everywhere and sought for by lovers of good melons.

**Paul Rose**—Originated from the Osage and Rockyford. Flesh orange red, firm and sweet to the rind. For table use this is the best melon extant.

**Tip Top**—This excellent yellow fleshed variety is one of the most desirable sorts either for the home garden or the market gardener who ships to near markets. The fruits are of medium to large size with thick rich colored flesh of superior quality. The vines are vigorous and productive. Pkt. 10c, oz. 40c, ¼ lb. \$1.35, lb. \$3.00.

**Hearts of Gold**—A deep orange fleshed variety with thickly netted skin. The melons are almost perfectly round, very sweet and of delicious flavor. Pkt. 10c, oz. 45c, ¼ lb. \$1.35, lb. 3.00.

**Emerald Gem**—Small extra early, skin dark green, flesh orange and of delicious flavor.

**Osage (Also known as "Miller's Hybrid" and "New Princess")**—A strong growing and productive green skinned variety, flesh a rich salmon color and very thick. It makes a fine appearance and is a good selling melon.

**Lake Champlain**—This Melon ripens earlier than any other variety. Unsurpassed for early trade, medium in size, orange flesh and of good flavor. Pkt. 10c, oz. 45c, ¼ lb. \$1.35, lb. \$3.00.

**Honey Dew**—Pink. Pkt. 10c, oz. 45c, ¼ lb. \$1.35, lb. \$3.00.

**Honey Rock**—New early variety. Five to six inches in diameter, rind hard, flesh medium thick and deep salmon in color. Pkt. 10c, oz. 45c, ¼ lb. \$1.35, lb. \$3.00

**Delicious**—A large early deep orange melon that ripens about two weeks earlier than Bender's. The melons are creamy yellow outside when ripe and covered with fine netting. An excellent melon for the home garden but not as good a keeper as Bender's. Pkt. 10c, oz. 45c, ¼ lb. \$1.35, lb. \$3.00.

**Hale's Best**—An excellent shipping variety. Flesh thick, salmon orange, fruits oval with inconspicuous ribbing and heavy netting. Early. Pkt. 10c, oz. 45c, ¼ lb. \$1.35, lb. \$3.00.

## MELONS—WATER

(Ger.) Wassermelone

**Cole's Early**—Finest for northern use. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.80.

**Black Spanish**—An old variety, one of the richest, medium size, dark green skin, red flesh. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.80.

**Earliest and Sweetest**—A white seeded variety that is better adapted to northern growing than other varieties, and as the name implies, it is very early and very sweet. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.80.

**Citron**—Red seeded, medium size; used for sweet meats and preserves. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.80.

## MUSHROOM SPAWN

(Ger.) Essbare Blaetterschwamme

Mushroom beds may be prepared in a warm cellar or shed in Winter, or in the open air in Summer. Collect daily the fresh horse manure from the stable and lay it in a heap to ferment, turn and mix it well once a week and when well and equally fermented, which will be in about three weeks, it will then be ready for the beds. The beds should be about four feet wide and any length required for a supply. Place the prepared dung two feet deep on the beds, mix thoroughly with the earth and beat or press it firmly down with the back of the spade, in this state it should remain until the temperature has become sufficiently mild, which may be ascertained by thrusting a stick into the different portions of the bed. Pieces of the spawn of the size of a walnut should then be inserted about two inches deep and six inches apart, cover with loamy soil two inches deep and press down evenly and firmly.

**Pure Culture**—In bricks. Per brick, 25c, per dozen \$2.50.

## MUSTARD

Used as a salad early in Spring with Lettuce and Cress. Sow at intervals thickly in rows six inches apart. Cut when about two inches high.

**Giant Southern Curled**—Grows nearly two feet high and has fine curled leaves, which are excellent for salad. Very popular in the Winter and Early Spring. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00.

## OKRA OR GUMBO

(Ger.) Essbarer

This vegetable produces long nutritious pods, which when young are used in soups and stews to which they impart a rich flavor. It is of easy culture, grows freely and bears abundantly. To be sown at the usual time of all tender vegetables in drills two inches deep and two feet apart in the row.

**Dwarf Long Pod Green**—Pkt. 10c, oz. 25c, ¼ lb. 65c, lb. \$1.50.

## ONIONS

(Ger.) Zwiebel (It.) Cipollo

The Onion should have a clean loamy and very rich soil. The use of well-rotted compost is very beneficial, and Onions will do well if sown on the same piece of land for a succession of years. Sow seed as early as possible in drills fourteen inches apart and half an inch deep. As Onions grow on top of the ground they may be allowed to remain pretty thick, no matter if they crowd each other. In hoeing, which should be frequently done, do not cover the young bulbs with earth. One ounce of seed will sow a bed 5 by 20 feet.

**YELLOW GLOBE DANVERS**—A thick, heavy, straw colored Onion, mild flavored and yields abundantly. Ripens early and keeps well, the standard market variety of this section. Pkt. 10c, oz. 65c, ¼ lb. \$2.00, lb. \$7.00.

**Ebenezer**—A yellow globe variety famous for their keeping qualities. We have the true variety. Pkt. 10c, oz. 75c, ¼ lb. \$2.50, lb. \$7.00.

**Bunching Hardy Onion**—This strain far surpasses the White Welch, being hardier but still of milder flavor and above all it stays pure white. It can be used successfully for either Spring or Fall planting. Pkt. 10c, oz. 85c, ¼ lb. \$2.50, lb. \$7.00.

**Large Spanish Onion (Sweet Valencia)**—By far the best large Onion obtainable. This strain won the Indiana State Championship two years straight. In 1931 with a yield of 993 bushels per acre and in 1932 with a yield from one plot of 1,030 bushels per acre and another plot of 1,004 bushels per acre. The principal advantages of this Onion are its size, wonderful keeping qualities, a fine dry skin, its very mild flavor and its resistance to thrip and aphids. This Onion always brings a much higher price than any other Onion. Pkt. 10c, oz. 85c, ¼ lb. \$3.00, lb. \$8.00.





Large Spanish, Sweet Valencia

**Southport Yellow Globe**—Pkt. 10c, oz. 85c,  $\frac{1}{4}$  lb. \$2.50, lb. \$7.50.

**Large Red Wethersfield**—A large flat variety, skin deep red, flesh purplish white, very productive, good keeper, popular in the eastern market. Pkt. 10c, oz. 85c,  $\frac{1}{4}$  lb. \$2.50, lb. \$7.60.

**White Portugal or Silver Skin**—A fine large white Onion of delicate flavor but a poor keeper. Pkt. 10c, oz. 65c,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.00.

**White Pickling**—A small clear white Onion, extensively used for pickling, very handsome. Pkt. 15c, oz. 65c,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.00.

**White Globe**—A very handsome late variety, a large cropper and of good quality. Pkt. 15c, oz. 65c,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.50.

**Prize Taker**—A large foreign variety, equal in quality to the Spanish varieties. To reach perfection should be started in hotbeds and transplanted. Pkt. 15c, oz. 75c,  $\frac{1}{4}$  lb. \$2.40, lb. \$8.60.

## ONION SETS

Plant as early in Spring as the ground can be worked, in rows one foot apart. We handle only Sets which are always hard and in good condition.

**White Onion Sets, Yellow Onion Sets, Ebenezer Onion Sets**—Market Price.

## PARSLEY

(Ger.) Petersilie (It.) Prezzemolo

Parsley seed germinates very slowly and frequently remains in the ground from two to three weeks without showing any signs of vegetation. Seeds that are sown out-of-doors should be soaked in warm water at least twenty-four hours previous to planting. When the plants are two to three inches high, thin out to four inches apart in the rows.

**Champion Moss Curled**—A very select stock, leaves beautifully curled, the best for garnishing. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 65c, lb. \$2.00.

**Plain Parsley**—The leaves of this variety are plain. It is hardier than the curled variety, good for flavoring. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 65c, lb. \$2.00.

**Turnip Rooted**—The root resembles a small parsnip, extensively used for soups. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 65c, lb. \$2.00.

## PARSNIP

(Ger.) Pastinake

Sow in rich, deep and well-manured soil, as early as the weather will permit, in rows fifteen inches apart and one-half inch deep, thin out to five inches apart. They are improved by frost and are usually left in the ground all Winter, and dug as needed.

**Hollow Crown**—One of the best, either for table or stock. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 65c, lb. \$2.00.

**Large Dutch**—Roots very long and smooth. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 65c, lb. \$2.00.

## PEAS

(Ger.) Erbse (It.) Pisello

(Wrinkled varieties 56 lbs. per bushel. Smooth varieties 60 lbs. per bushel.) The Peas are very hardy and will endure a great amount of frost and cold with safety. They should be sown very early in order to have them for early use. Sow in single or double rows from two to six feet apart, according to the variety or the height they attain. Brush should be furnished the tall varieties as soon as they appear. One quart will sow from 150 to 200 feet of row.

### EARLY VARIETIES

**Alaska**—The earliest Pea known. Small round Peas, pods about  $2\frac{1}{2}$  inches long and ready for use in about 55 days. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, lb. 45c, 10 lb. \$3.50.

**American Wonder**—A very early green wrinkled dwarf variety. Peculiarly suited to the private garden, height 10 inches. Season 60 days. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, lb. 45c, 10 lb. \$3.50.

**GIANT HAMPER**—New sturdy dark green vines that grow 16 inches high and bear in profusion medium green  $4\frac{1}{2}$  inch pods that are broad, plump and blunt. Will bear over a longer period of time than American Wonder. Season 64 days. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, lb. 45c, 10 lb. \$3.50.

**Gradus**—Large handsome pods, resembling Telephone in size and shape and as early as the earliest. A combination that cannot fail to attract the market gardener. Season 60 days. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, lb. 45c, 10 lb. \$3.50.

**Laxtonian**—Dark heavy vines that grow 15 inches tall and bear  $4\frac{1}{2}$  inch dark pointed pods. Best of the large podded dwarf varieties. Season 67 days. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, lb. 45c, 10 lb. \$3.50.

**Laxton's Progress**—Dark heavy vines bearing in abundance  $4\frac{1}{2}$  inch dark pointed pods, especially uniform in size. Season 64 days. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, lb. 45c, 10 lb. \$3.50.

**Little Marvel**—18 inches. Dark medium vines, dark blunt 3 inch pods. Best dwarf variety for main crop in the garden. Season 63 days. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, lb. 45c, 10 lb. \$3.50.



Champion Moss Curled



## PEAS—Continued

**Nott's Excelsior**—A dwarf wrinkled Pea destined to take the place of the well-known American Wonder, the vines are larger and more vigorous, equally as early and much more prolific in sweetness and quality they are equal to any. Season 59 days. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$3.50.

**Peter Pan**—18 inches. Vines that bear dark pointed 4 inch pods. Season 67 days. Pkt. 10c, ½ lb. 25c, lb. 40c, 10 lb. \$3.50.

**Premium Gem**—A dwarf wrinkled variety. Height one foot. Season 59 days. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$3.50.

**Thomas Laxton**—Best early Pea for market garden use. Vines 2½ feet tall. Pods are dark, blunt and 3½ inches long. Quality unsurpassed. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$3.50.

### MEDIUM EARLY VARIETIES

**Alderman**—Yields more than most varieties. Dark green vines that grow 40 inches tall and produce dark pointed 4½ inch pods in about 72 days. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$3.50.

**Dwarf Telephone or Daisy**—Resembles Telephone, but grows two feet high. Pods light pointed and about 4½ inches long. Large seeded. Season 75 days. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$3.50.

**Telephone (Harvey's Improved Dark Pod)**—A superior strain of vigorous growing dark heavy vines, about 40 inches tall, that produce dark pointed 4½ inch pods in profusion in about 72 days. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$3.50.

### LATE VARIETIES

**Champion of England**—Four feet light medium vines bearing three inch light blunt Peas in about 80 days. The best for late Peas. Pkt. 10c, ½ lb. 25c, lb. 45c, 10 lb. \$3.50.

#### Write for Prices on Larger Quantities

#### Long Season Collection of Garden Peas

In this collection we offer four splendid kinds that will give you Peas for your table over a period of three weeks. Sow them as soon as the weather permits. If a longer season is desired make a second sowing ten days after the first.

Alaska  
Laxtonian

American Wonder  
Champion of England

1 package each of the above 4 kinds.....	\$ .30
1 half pound each of the above 4 kinds.....	.85
1 pound each of the above 4 kinds.....	1.50
2 pounds each of the above 4 kinds.....	2.90



California Wonder



Nott's Excelsior

## PEPPERS

(Ger.) Pfeffer (It.) Peperone

Cultivated largely for pickles. Sow early in Spring in hotbed. Transplant when the weather is favorable in rows eighteen inches apart and ten inches in the rows.

**California Wonder**—The thickest flesh of any large Peppers. They are exceptionally heavy and of the very best quality. Pkt. 10c, oz. \$1.00, ¼ lb. \$3.00, lb. \$9.00.

**Chinese Giant**—Double the size of Ruby King. The largest in existence. Extremely mild and sweet, can be served sliced like tomatoes. Pkt. 10c, oz. 75c, ¼ lb. \$2.25, lb. \$7.00.

**Cayenne**—Long thick pointed pod, extremely strong and pungent. Pkt. 10c, oz. 80c, ¼ lb. \$2.75, lb. \$9.50.

**Harris Early Giant**—Earliest large sweet Pepper, heavy yielder. One of the best. Pkt. 10c, oz. 75c, ¼ lb. \$2.50, lb. \$9.00.

**Hot Squash**—A hot tomato shaped variety. Pkt. 10c, oz. 75c, ¼ lb. \$2.50, lb. \$9.00.

**Large Bell or Bull Nose**—Standard sort, early, sweet and of good flavor. Pkt. 10c, oz. 70c, ¼ lb. \$2.00, lb. \$7.00.

**Pimento or Perfection**—Pkt. 10c, oz. 85c, ¼ lb. \$3.00, lb. \$6.50.

**Ruby King**—Large, bright red and remarkably mild and pleasant. Pkt. 10c, oz. 75c, ¼ lb. \$2.50, lb. \$9.00.

**World Beater**—Mild, sweet fruit that is deep green, turning red when ripe. Matures medium early. Pkt. 10c, oz. 75c, ¼ lb. \$2.50, lb. \$9.00.

**King of the North**—An extra large, early sweet variety.

## PUMPKIN

(Ger.) Kurbis

Cultivated usually among Corn. Treatment same as Squashes.

**Connecticut Field**—Best for stock. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.50.

**Sugar**—Medium size, fine quality. Excellent for cooking. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

**Mammoth King**—Grows to an immense size, three feet or more in diameter, weighing from 100 to 200 pounds. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.





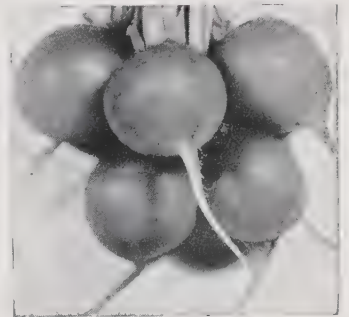
Sparkler

## RADISHES

(Ger.) Rettich (It.) Ravanello

The Radish will succeed best in a rich sandy loam. For early use sow in hotbeds in February or March, and in the open air as soon as the ground can be worked. For a succession sow every two weeks until June. The Winter varieties should be sown in August and treated similar to Turnip. One ounce of seed will sow a bed 5 by 20 feet.

**IMPROVED EARLY SCARLET GLOBE**—A special strain for market gardeners and others. Handsome shape and attractive bright red. Small tops and the most popular for forcing. Pkt. 10c, oz. 20c, 1/4 lb. 45c, lb. \$1.50, 5 lb. \$6.50.



Imp. Scarlet Globe

**Crimson Giant**—Globe shaped, bright scarlet. This variety grows much larger than Scarlet Globe. Pkt. 10c, oz. 20c, 1/4 lb. 50c, lb. \$1.50.

**Sparkler**—The earliest Radish in cultivation, in shape globular with rich deep scarlet top, blending to white at the bottom. Pkt. 10c, oz. 20c, 1/4 lb. 50c, lb. \$1.50.

**Icicle**—A long transparent White Radish of exceptionally delicate flavor. Never tough or stringy. One of the very best for the home garden. Pkt. 10c, oz. 20c, 1/4 lb. 50c, lb. \$1.50.

**Chartier**—A long Radish distinct in color from any other sort, being crimson at the top, gradually blending to a pure waxy white, may be grown to a large size before becoming pithy and unfit for use. Pkt. 10c, oz. 15c, 1/4 lb. 45c, lb. \$1.40.

**French Breakfast**—A fine early variety, olive shaped, white tipped. Pkt. 10c, oz. 20c, 1/4 lb. 50c, lb. \$1.50.

**Scarlet Turnip**—A small round early variety; tender and crisp. Pkt. 10c, oz. 15c, 1/4 lb. 40c, lb. \$1.35.

**Scarlet Turnip White Tipped**—An early variety of medium size and handsome appearance. Pkt. 10c, oz. 15c, 1/4 lb. 45c, lb. \$1.40.

**White Strasburg**—A desirable Summer variety, large at the top, tapering to a point.

**Giant White Stuttgart**—A large globe shaped Radish of mild flavor and snow white skin and flesh, rapid grower, excellent for market gardeners.

**Chinese Rose Winter**—Considered the best for Winter use. Medium size and very tender. Pkt. 10c, oz. 20c, 1/4 lb. 50c, lb. \$1.50.

**Long Black Spanish**—Winter. Grows to a large size of oblong shape, quite solid. Pkt. 10c, oz. 25c, 1/4 lb. 65c, lb. \$1.85.

**Round Black Spanish**—Similar to above, except in form. Pkt. 10c, oz. 25c, 1/4 lb. 65c, lb. \$1.85.

**White Spanish Radish**—Similar to Long Black, except in color.

## SALSIFY OR VEGETABLE OYSTER

(Ger.) Bocksart

Select light rich soil. Sow the seed in Spring in rows twelve inches apart. When the plants are two or three inches high thin out to six inches from each other in the rows. It is perfectly hardy and may be treated same as Parsnips. One ounce of seed will sow fifty feet of row.

**Mammoth Sandwich Island**—The best variety grows double the size of the ordinary kind. Pkt. 10c, oz. 55c, 1/4 lb. \$2.00, lb. \$7.00.

## SPINACH

(Ger.) Spinat (It.) Spinace

One package will sow 15 feet of row, one ounce for 100 feet, about ten pounds to the acre.

Most popular of plants for greens. Plant in rich ground in rows 12 to 14 inches apart and cover 1 inch deep. Thin to about 6 inches apart. Cut before hot weather when young and tender. For early Spring plants sow seed in August or September and protect with a light covering of leaves or straw.

**Bloomsdale, Savoy Leaved**—Best variety for early and late planting. Very handsome dark green, leaves curled or rumpled like a Savoy Cabbage. Runs to seed quickly in hot weather. Oz. 20c, 1/4 lb. 50c, lb. 75c.

**Long Standing Bloomsdale**—A new strain of Bloomsdale that stands longer without bolting to seed. Oz. 20c, 1/4 lb. 50c, lb. 75c.

**King of Denmark**—Best for hot weather variety. Will stand longer without running to seed than any other variety.

**Princess Juliana**—A wonderful new thick leaf variety. One of the best.

**New Zealand**—Grows luxuriantly in the Summer heat. Can be cut all Summer and Fall. Oz. 35c, 1/4 lb. \$1.00, lb. \$2.25.

**Virginia Blight Resistant Spinach**—A savoy leaved spinach that resists blight and is excellent for Fall sowing. Bolts to seed early.



Bloomsdale Savoy

## SQUASH

(Ger.) Kurbiss

The Squash being a tender vine should not be planted until all danger from frost is past. Plant in hills, the bush varieties about four feet apart, the running kinds from six to nine feet, according to their nature. Cutting off the leading shoots of the running sorts is recommended as having a tendency to promote growth and early maturity of fruit. 1 ounce of seed will plant from 40 to 80 hills

### WINTER VARIETIES

**Blue Hubbard**—A new variety obtained by selection from the original Hubbard. The fruit is of a gray-blue color, grows very large and keeps remarkably well as the shell is extremely hard. The quality is equal to or even better than the original Hubbard. Pkt. 10c, oz. 35c, 1/4 lb. 85c, lb. \$2.50.



## SQUASH—Continued

**Warted Hubbard**—The best of all Winter varieties. Flesh bright yellow, very sweet and dry skin, green when ripe. An excellent keeper. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. 85c, lb. \$2.50.

**TABLE QUEEN**—A heart-shaped, dark green heavily ribbed variety about 5 inches long and 4 inches in diameter. Flesh deep yellow, sweet, dry and free from stringiness. The keeping qualities are unexcelled and they can be kept until late Spring. This Squash should not be used until fully matured. This is really a wonderful variety. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. 85c, lb. \$2.50.

**Butternut**—Pkt. 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.



Mammoth Crook Neck

**Boston Marrow**—A standard Fall Squash of rich orange color, very productive and keeps well.

**Delicious**—Top shaped fruit weighing 7 to 8 lbs. Skin dark green with light green stripes; flesh orange. An excellent variety. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. 85c, lb. \$2.50.

### SUMMER VARIETIES

**Giant Summer Straight Neck**—This Squash is the same as Giant Crook Neck but without the curved neck. The best Summer Squash. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 75c, lb. \$2.25.

**Mammoth Crook Neck**—Double the size of the ordinary Crook Neck, often two feet in length, quality of the highest. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 75c, lb. \$2.25.

**Italian Squash (Zucca Perogola)**—Grows three feet long and three inches in diameter. Used for slicing and frying. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.25.

**Cocozele (Italian Vegetable Marrow)**—A bush Squash. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 85c, lb. \$2.50.

**White Bush Scalloped (Patty Pan)**—Creamy white patty shaped fruits, scalloped in the edges. Most popular white Summer squash. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 75c, lb. \$2.25.

**Early Golden Bush Scalloped**—An early Summer variety, well flavored and productive. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 85c, lb. \$2.85.

## TOMATOES

(Ger.) Liebsapfel (It.) Pomo D'Or

Sow the seed in March in a hotbed. When the plants are two or three inches high, thin them out and set in pots, or set in another bed to give them room and make them "stocky." When five or six inches high, if the weather is warm and settled, transplanted to the open ground, setting the plants four feet apart each way. The Tomato requires a sunny location and rich soil to produce handsome specimens and a good crop. One ounce of seed will produce 3,000 plants.

### EARLY

**John Baer**—One of our earliest and most profitable varieties, fruit globe-shaped, bright scarlet in color, good size, solid, coreless and with free seeds. Vigorous and prolific. Pkt. 15c, oz. 75c,  $\frac{1}{4}$  lb. \$2.50, lb. \$9.00.

**Spark's Earliana**—An extra early variety, large size, handsome shape, bright red color, a most profitable variety for the market gardener. Pkt. 15c, oz. 75c,  $\frac{1}{4}$  lb. \$2.50, lb. \$8.75.

**Earliana Special**—This strain of Earliana is a very heavy yielder with fruit equal to that of Sparks. Pkt. 15c, oz. 75c,  $\frac{1}{4}$  lb. \$2.50, lb. \$8.75.

**June Pink**—An extra early variety, coming in with Earliana of which it is a selection. The fruit, however, has an Acme color which with its earliness, makes it a very desirable acquisition. The fruit is round, grows in clusters and bears throughout the season. Pkt. 15c, oz. 75c,  $\frac{1}{4}$  lb. \$2.50, lb. \$8.75.

**Early Detroit**—A mid-season variety. Purplish pink, quite smooth and solid. Pkt. 15c, oz. 75c,  $\frac{1}{4}$  lb. \$2.50, lb. \$8.75.

**Trucker's Favorite**—One of the best market garden varieties, color purplish red, of large size, even growth and prolific bearer. Pkt. 15c, oz. 65c,  $\frac{1}{4}$  lb. \$2.25, lb. \$8.00.

### SECOND EARLY VARIETIES

**Bonny Best**—A very early and desirable variety. The fruits are most attractive in shape, solidity and color, which is bright scarlet from outside to center. The vines are strong and vigorous, producing a good crop of round, globe-shaped fruits, which ripen more uniformly than other early sorts. A favorite with market gardeners. Pkt. 15c, oz. 75c,  $\frac{1}{4}$  lb. \$2.50, lb. \$9.00.

**Scarlet Topper or Pritchard**—A scarlet self-topping disease-resistant variety, originated by the late Dr. F. J. Pritchard of the United States Department of Agriculture in 1931. Fruits large smooth, globular, solid and light scarlet in color. An excellent variety for market garden use and for long distance shipping. Pkt. 15c, oz. 70c,  $\frac{1}{4}$  lb. \$2.25, lb. \$7.50.

**Chalk's Early Jewel**—Ripens later than Spark's Earliana, but more desirable for home use as fruits are thicker through and more solid. Color bright scarlet and good quality. Pkt. 15c, oz. 75c,  $\frac{1}{4}$  lb. \$2.50, lb. \$9.00.

**Marglobe Special**—Globe shaped fruit of deep red color. Very smooth. Medium late ripening right after John Baer and Bonny Best. Rust resistant. Pkt. 15c, oz. 60c,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.00.

**Acme**—Early, color reddish purple. Pkt. 15c, oz. 75c,  $\frac{1}{4}$  lb. \$2.50, lb. \$9.00.

**Livingston's New Stone**—A bright red, perfectly smooth and solid Tomato thicker from stem and to blossom end than most varieties, for all around purposes we consider this the best one in the list. Pkt. 15c, oz. 65c,  $\frac{1}{4}$  lb. \$2.25, lb. \$8.00.

**DWARF CHAMPION**—A distinct and valuable sort, having a strong main stem which enables it to support its fruit well up from the ground. The crop ripens up early and evenly. It is a good cropper, smooth, medium in size, Acme in color. Pkt. 15c, oz. \$1.15,  $\frac{1}{4}$  lb. \$4.00, lb. \$15.00.



John Baer



## LATE VARIETY

**Ponderosa**—The largest Tomato grown, deep red in color, smooth shape, solid meat and in every way a perfect Tomato, should be in every garden. Pkt. 15c, oz. \$1.30, 1/4 lb. \$4.50, lb. \$17.00.

Special Prices on Quantities

## TURNIPS

(Ger.) Rube

For early use sow as early as the ground can be worked in the Spring. For Fall and Winter use, the seed should be sown from the middle of July to the middle of August. The Swedes should be sown in June, the plants thinned out to six inches in the rows.

**Purple Top White Globe**—A large globe-shaped variety. Fine for market purposes. Pkt. 10c, oz. 15c, 1/4 lb. 45c, lb. \$1.20, 5 lb. \$5.75.

**Purple Top Strap Leaf**—The most popular kind in cultivation, matures quickly, flesh white and sweet. Pkt. 10c, oz. 15c, 1/4 lb. 45c, lb. \$1.20, 5 lb. \$5.75.

**Golden Ball**—A round smooth variety, fine quality, skin bright yellow. Good keeper. Oz. 15c, 1/4 lb. 45c, lb. \$1.20.

**White Egg**—An excellent variety, nearly oval or egg-shaped, flesh firm, fine grained and of snowy whiteness. Particularly desirable for the table.

**Cowhorn or Long White**—Recommended as a soil renovator and largely used for that purpose. The roots being long, go deep into the soil and loosen and lighten it up as well as adding a quantity of nitrogen to it. The agricultural papers have explained the value of it as a fertilizer.

## RUTABAGA OR SWEDISH TURNIPS

**American Improved Purple Top**—The earliest variety, large, handsome roots and a good keeper. Pkt. 10c, oz. 15c, 1/4 lb. 45c, lb. \$1.20.

**Canadian Gem**—Grows to a large size, flesh firm, solid and sweet, good keeper. Pkt. 10c, oz. 15c, 1/4 lb. 45c, lb. \$1.20.



White Egg Turnip

**Sweet German or Russian**—A large white variety, first-rate keeper and good either for table or stock.

**Improved Rhode Island**—Grows to a large size, flesh firm, solid and sweet, good keeper.

## Sweet and Medicinal Herbs

Anise	Dandelion	Marjoram (Sweet)
Basil (Sweet)	Dill	Savory (Summer)
Caraway	Fennel (Sweet)	Sage (Broadleaved)
Chives	Lavender	Sorrel
Coriander		Thyme

Due to the present unusual conditions, we cannot quote prices on Herbs, but will be sold at Current Market Price.

## Special Collection of Vegetable Seeds

Enough for 1,200 sq. ft. (30 x 40) of Garden Space  
\$1.59 Postpaid

**Beet**—Detroit Dark Red  
**Beans**—Golden Wax  
**Beans**—Stringless Green  
**Cabbage**—Copenhagen Market  
**Cauliflower**—Snowball  
**Cucumber**—Improved Long Green  
**Carrot**—Chantenay  
**Sweet Corn**—Golden Bantam  
**Sweet Corn**—Evergreen

**Lettuce**—Big Boston  
**Lettuce**—Early Curled  
**Onion**—Yellow Globe Danvers  
**Parsnip**—Hollow Crown  
**Radish**—Early Scarlet Globe  
**Radish**—Icicle  
**Squash**—Summer Giant Crookneck  
**Spinach**—Bloomsdale  
**Swiss Chard**—Lucullus  
**Turnip**—Purple Top White Globe



# THE GARDENER'S GUIDE

This table has been carefully prepared and answers hundreds of questions gardeners and farmers want to know. For fuller instructions see cultural directions under the heading for each kind of vegetable.

## Use this for Quick Reference

VARIETY	Time to Sow or Plant	Quantity for 100 Feet	Quantity for an Acre	Distance Between Rows	Thin or Transplant to	Depth to Plant	Maturity of Crop	Pounds of Seed to Bu.
Artichokes	Mch. and Apr.	¼ oz.	6 oz.	3 ft.	18 in.	4 in.	Oct.	50 lbs.
Asparagus—Seed	Mch. and Apr.	2 oz.	5 lbs.	18-24 in.	4 in.	1 in.	3 years.	60 lbs.
Asparagus—Roots	Mch. to Nov.	75 roots	4,000-7,000	18 to 36 in.	12 to 15 in.	8 in.	2 years.	.....
Beans—Bush	Apr. to Aug.	2 lbs.	60 lbs.	2 to 3 ft.	3 to 4 in.	1½ in.	7 to 14 weeks.	60 lbs.
Beans—Dwarf Lima	May to June.	1 lb.	20 lbs.	3 ft.	18 in.	1½ in.	10 weeks.	60 lbs.
Beans—Pole	May to June.	1½ lbs. in hill	15 lbs.	4 ft.	3 ft.	1½ in.	12 weeks.	60 lbs.
Beans—Soy (Drills)	May to June.	½ lb.	30 lbs.	3 ft.	6 to 12 in.	1½ in.	Sept.	60 lbs.
Beans—Soy	May to June.	Broadcast.	75 to 90 lbs.	Broadcast.	Broadcast.	1½ in.	Sept.	60 lbs.
Barley	Apr. to June.	Broadcast.	75 to 100 lbs.	Broadcast.	Broadcast.	1 in.	Sept.	48 lbs.
Beet—Table	Apr. to Aug.	2 oz.	8 lb.	2 ft.	4 in.	¾ in.	2 mos.	.....
Beet—Mangel	Apr., May, June.	1 oz.	6 to 8 lbs.	2½ to 3 ft.	6 in.	1 in.	Oct.	.....
Broccoli	Mch. to May.	¼ oz.	¼ lb.	24 to 36 in.	18 to 24 in.	½ in.	3 mos.	.....
Brussel Sprouts	Mch. to June.	¼ oz.	¼ lb.	24 to 36 in.	18 to 24 in.	½ in.	3 mos.	.....
Buckwheat	June to Aug. 15th	Broadcast.	50 to 60 lbs.	Broadcast.	.....	1½ in.	Oct.	48 lbs.
Cabbage—Seed	Feb. to May	¼ oz.	3 oz.	24 to 36 in.	12 to 24 in.	.....	July to Oct.	.....
Cabbage—Plants	May to June.	50	8,000 to 10,000	3 ft.	18 in.	4 in.	July to Oct.	.....
Cantaloupe	May to June.	½ oz. in Hills	2 lbs.	4 to 6 ft.	4 to 6 ft.	1 in.	2½ to 3 mos.	.....
Carrot	Apr. to June.	½ oz.	3 to 4 lbs.	2 ft.	3 to 4 in.	½ in.	60 days.	.....
Cauliflower	Feb. to June.	¼ oz.	4 oz.	2½ ft.	2 ft.	½ in.	3 mos.	.....
Celery—Seed	Mch. and Apr.	½ oz.	4 oz.	1½ to 2 ft.	4 to 6 in.	¼ in.	Nov.	.....
Celery—Plant	July and Aug.	100	15,000 to 25,000	3 ft.	6 in.	6 in.	Nov.	.....
Clover—Alfalfa	Mch., Apr. and Aug.	Broadcast.	20 lb.	Broadcast.	Broadcast.	¾ in.	May of next yr.	60 lbs.
Clover—Alsike	Feb., Mch. and Apr.	Broadcast.	10 to 15 lbs.	Broadcast.	Broadcast.	¾ in.	June of next yr.	60 lbs.
Clover—Crimson	July.	Broadcast.	25 to 30 lbs.	Broadcast.	Broadcast.	½ in.	May of next yr.	60 lbs.
Clover—Red	Feb., Mch. and Apr.	Broadcast.	12 to 15 lbs.	Broadcast.	Broadcast.	½ in.	June of next yr.	60 lbs.
Clover—Sweet	Mch., Apr. and Aug.	Broadcast.	15 to 20 lbs.	Broadcast.	Broadcast.	.....	.....	.....
Collards	Mch. to June.	¼ oz.	4 oz.	3 ft.	2½ ft.	½ in.	3 mos.	.....
Corn—Sweet	Apr. to July 10th.	½ lb.	15 lbs.	2½ to 3½ ft.	4 to 6 in.	2 in.	2 to 3 mos.	40-50 lbs.
Corn—Field (Drilled)	Apr., May and June.	.....	½ bu.	3 to 3½ ft.	.....	2 in.	4 mos.	56 lbs.
Corn—Checked	Apr. to May.	.....	15 lb.	3½ to 4 ft.	.....	2 in.	3 to 4 mos.	56 lbs.
Cucumber	Apr. to June.	1 oz.	2 lbs.	4 to 5 ft.	2 ft.	1 in.	2 mos.	.....
Egg Plant—Seed	Feb. to Mch.	4 oz.	4 oz.	24 to 30 in.	18 to 24 in.	¼ in.	3 to 4 mos.	.....
Egg Plant—Plants	May to June.	50	5,000 to 6,000	3 ft.	3 ft.	3 in.	2 mos.	.....
Endive	Apr. to Aug.	½ oz.	4 lbs.	2 ft.	12 in.	¼ in.	3 mos.	.....
Grass Seed—Light	Feb. to Apr. 10th and Sept.	Broadcast.	30 lbs.	Broadcast.	.....	¼ in.	June of next yr.	14 lbs.
Grass Seed—Timothy	Feb., Mch., Apr., Sept.	Broadcast.	15 lbs.	Broadcast.	.....	¼ in.	July of next yr.	45 lbs.
Grass Seed—Lawn	Apr., May, June, Sept.	Broadcast.	100 lbs.	Broadcast.	.....	¼ in.	8 to 10 weeks.	20-30 lbs.
Hungarian Grass	May to Aug. 1st.	Broadcast.	½ to ¾ bu.	Broadcast.	.....	½ in.	60 days.	48 lbs.
Kale	Apr., May, June and Sept., Oct.	½ oz.	4 lbs.	24 to 36 in.	18 to 24 in.	½ in.	4 mos.	.....
Kohl Rabi	Apr., May and June	½ oz.	4 lbs.	2 ft.	3 to 6 in.	½ in.	3 mos.	.....
Leek	Apr. to May.	½ oz.	5 lbs.	12 to 30 in.	2 to 4 in.	½ in.	4 mos.	.....
Lettuce Seed	Apr., May, June, July, Aug.	¼ oz.	3 lbs.	12 to 18 in.	4 to 14 in.	½ in.	2 to 3 mos.	.....
Mustard	Mch. to Aug.	½ oz.	5 lbs.	1 ft.	6 in.	½ in.	8 weeks.	.....
Melon—Water	May, June.	1 oz. to 100 hills.	5 lbs.	6 ft.	2 to 3 ft.	1 in.	3 mos.	.....
Millet—German	May to Aug. 1st.	Broadcast.	½ to ¾ bu.	Broadcast.	.....	½ in.	60 days.	50 lbs.
Millet—Japanese	May to Aug. 1st.	Broadcast.	40 lbs.	Broadcast.	.....	½ in.	60 days.	32 lbs.
Oats	Apr. to May.	Broadcast.	2 to 3 bu.	Broadcast.	.....	1 in.	July.	32 lbs.
Okra	Apr. to May.	2 oz.	8 lbs.	2 to 3 ft.	18 to 24 in.	1 in.	60 days.	.....
Onion—For large bulbs	Mch. to Apr.	½ oz.	5 lbs.	15 to 24 in.	3 inch.	½ in.	July to Aug.	.....
Onions—For Sets	Mch. to Apr.	2 oz.	40 to 50 lbs.	12 to 18 in.	.....	½ in.	July to Aug.	.....
Onion—Sets	Mch. to May.	2 lbs.	250 lbs.	18 to 24 in.	4 in.	1 in.	May to June.	.....
Parsley	Mch. to June.	½ oz.	3 lbs.	1 ft.	6 in.	½ in.	3 mos.	.....
Parsnip	Apr. to May.	½ oz.	3 lbs.	1½ to 2 ft.	4 in.	¼ in.	October.	.....
Peas—Garden Wrinkled	Mch. to June.	1 lb.	90 to 150 lbs.	3 ft.	2 to 4 in.	2 in.	8 to 10 weeks.	56 lbs.
Peas—Garden Smooth	Mch. to June.	1 lb.	90 to 150 lbs.	3 ft.	2 to 4 in.	2 in.	8 weeks.	60 lbs.
Peas—Canada Field	Mch. to May.	Broadcast.	100 to 125 lbs.	Broadcast.	.....	1½ in.	June.	60 lbs.
Pepper Seed	Feb. to Mch.	¼ oz.	3 oz.	18 to 30 in.	15 to 18 in.	¼ in.	Aug. to Sept.	.....
Potatoes	Mch. to June.	5 lbs.	8 to 12 bu.	2¼ to 3 ft.	15 to 18 in.	5 in.	July to Oct.	60 lbs.
Pumpkin	May to June.	1 oz. in hills.	4 lbs.	8 to 10 ft.	3 to 4 ft.	1 in.	Oct.	.....
Radish	Mch. to July.	1 oz.	8 to 10 lbs.	12 to 18 in.	1 in.	½ in.	24 to 40 days.	.....
Rape	Apr. to June.	Broadcast.	10 lbs.	Broadcast.	.....	1 in.	6 to 8 weeks.	56 lbs.
Rye—Winter	Sept. to Nov.	Broadcast.	2 bu.	Broadcast.	.....	1 in.	June.	56 lbs.
Sage	Apr. to June.	1 oz.	5 lbs.	18 to 24 in.	6 to 12 in.	1 in.	Sept.	.....
Salsify	Apr. to May.	2 oz.	8 lbs.	1½ to 2 ft.	2 to 4 in.	½ in.	Oct.	.....
Sorghum—For Fodder	May to June.	Broadcast.	50 lbs.	Broadcast.	.....	1 in.	Sept. to Oct.	50 lbs.
Spinach—In Drills	Apr., May, June, Aug.	1 oz.	8 to 10 lbs.	15 to 18 in.	2 in.	½ in.	60 days.	.....
Squash	Apr., May, June.	1 to 2 oz.	2 to 4 lbs.	4 ft.	4 ft.	1 in.	July to Oct.	.....
Sunflower	May to June.	2 oz.	8 lbs.	3 ft.	8 to 12 in.	1 in.	Sept.	.....
Tomato	Feb. to Mch.	.....	3 oz.	3 to 4 ft.	2 to 3 ft.	½ in.	June till frost.	.....
Turnip and Rutabaga	Apr. to July.	1 oz.	1 to 2 lbs.	2 ft.	3 to 4 in.	½ in.	1½ to 3 mos.	.....
Vetch—Winter (with 1 bu. grain)	Aug. to Nov.	Broadcast.	20 lbs.	Broadcast.	.....	2 in.	May of next yr.	60 lbs.
Wheat—Winter	Sept. to Oct.	Broadcast.	2 bu.	Broadcast.	.....	2 in.	June 20th.	60 lbs.



# Beautify Your Home With Choice Flowers

## KEY TO SYMBOLS

- A—Annual—Lives only one season.  
 P—Perennial—Comes up each year.  
 C—Climber.  
 H—Hardy—Resists low temperatures.  
 HH—Needs protection over Winter.  
 R—Suitable for Rock Garden use  
 B—Biennials

We specialize in flower seeds and list only varieties which have been tried and proven successful in our section of the country. A home can hardly be called a home, without some bright colored flowers blooming in the yard, and adding cheer to the surroundings. Flowers when care is exercised and common sense is used are not hard to grow, and every home, every farm and every park should abound in them, and the school yards should be a source of pride and beauty.

## ASTERS—A

Asters are one of the most satisfactory flowers to grow, providing they are given good soil and a suitable location. From mid-summer until after freezing weather they will make a gorgeous showing in the garden and at the same time give you some wonderful bouquets.

The main points to observe in growing good Asters are good varieties, good seed, good deep rich soil, and so located that the soil around them can be kept continually cultivated. They also seem to prefer a little partial shade.

**Super Giants**—The largest and most fully double Aster class known. The flowers are from 6 to 8 inches across with full petaled, graceful, interlacing petals. Plants are about 2½ feet tall, with six to eight long non-lateral stems per plant.

**El Monte**—Crimson. Pkt. 15c, ¼ oz. \$1.50, ½ oz. \$2.75, oz. \$5.00.

**Los Angeles**—Shell pink. Pkt. 15c, ¼ oz. \$1.50, ½ oz. \$2.75, oz. \$5.00.

**Wilt-Resistant, American Branching**—Disease resistant and easy to raise. The best of the Aster family. Plants 2½ to 3 ft. branching, robust, flowers large, double and of fine form.



Antirrhinum Rust-Proof Mixture



Los Angeles Aster

**Azure Blue or Dark Lavender**—Pkt. 10c, ½ oz. 85c, oz. \$1.50.

**Crimson**—Pkt. 10c, ½ oz. 85c, oz. \$1.50.

**Deep Silvery Pink**—Pkt. 10c, ½ oz. 85c, oz. \$1.50.

**Purple**—Pkt. 10c, ½ oz. 85c, oz. \$1.50.

**Shell Pink**—Pkt. 10c, ½ oz. 85c, oz. \$1.50.

**Mixed, all Colors**—Pkt. 10c, ½ oz. 75c, oz. \$1.40.

**American Branching—Ordinary.**

**Azure Blue or Dark Lavender**—Pkt. 10c, ½ oz. 70c, oz. \$1.30.

**Crimson**—Pkt. 10c, ½ oz. 70c, oz. \$1.30.

**Deep Silvery Rose**—Pkt. 10c, ½ oz. 70c, oz. \$1.30.

**Purple**—Pkt. 10c, ½ oz. 70c, oz. \$1.30.

**Shell Pink**—Pkt. 10c, ½ oz. 70c, oz. \$1.30.

**White**—Pkt. 10c, ½ oz. 70c, oz. \$1.30.

**Mixed—All Colors**—Pkt. 5c, ½ oz. 60c, oz. \$1.10.

**Heart of France**—Rich dark red—1½ to 2 ft. Branching Flowers of medium size. Pkt. 15c, ½ oz. \$2.25, oz. \$4.00.

**Improved Queen of the Market**—The well-known early flowering Asters are of branching habit, about 20 inches high and are most useful for early market purposes having long stems for cut flowers.

**Crimson**—Pkt. 10c, ½ oz. 65c, oz. \$1.20.

**Dark Blue or Purple**—Pkt. 10c, ½ oz. 65c, oz. \$1.20.

**Deep Rose**—Pkt. 10c, ½ oz. 65c, oz. \$1.20.

**White**—Pkt. 10c, ½ oz. 65c, oz. \$1.20.

**Mixed—All Colors**—Pkt. 10c, ½ oz. 55c, oz. \$1.00.

**Sunshine, New California**—The attractive colors of the long feathery petals make a most striking contrast with the creamy white quilled centers. Each plant has a great many long stemmed flowers. Mixed Colors. Pkt. 10c, ½ oz. 85c, oz. \$1.50.

**ABRONIA A-R (Sand Verbena)**—Graceful trailing annual with Verbena-like flowers. Will thrive in dry poor soil. Pkt. 5c, ½ oz. 25c, oz. 45c.





Canterbury Bell

**ACHILLEA KELWAYI ROSEA P-R**—An excellent perennial for cutting and Rock Gardens, small double pink flowers. Pkt. 10c, ½ oz. 80c, oz. \$1.50.

**AFRICAN DAISY (Dimorphotheca) A-R**—Yellow and orange daisy-like flowers that do well in borders or Rock Gardens. Pkt. 10c, ½ oz. 65c, oz. \$1.20.

**AGERATUM MEXICANUM (Floss Flower) A**—Little Dorrit. Blue, small fuzzy blossoms suitable for the border. Pkt. 10c, oz. \$3.00.

**ANCHUSA, Italica P**—Tall growing rich sky-blue blossoms. Pkt. 10c, oz. \$1.25.

### ANTIRRHINUM—A (SNAPDRAGON)

Fine showy hardy annuals that should be started under glass for early cut flowers.

**Rust-Proof California Giant Mixture**—The plants are even and compact in habit, 18 to 24 inches in height and bear long spikes of closely spaced extra large florets. The color range includes pink, rose, apricot, bronze, orange, light and dark yellow, scarlet, crimson and white. A high percentage of the plants are rust-proof. Pkt. 10c, ¼ oz. \$1.00, ½ oz. \$1.75, oz. \$2.75.

**Tall Large Flowered (Majus Grandiflorum).**

**Brilliant**—Scarlet and yellow. Pkt. 10c, oz. \$4.50.

**Crimson King**—Deep crimson. Pkt. 10c, oz. \$4.50.

**Golden King**—Pkt. 10c, oz. \$4.50.

**Harmony**—Terra Cotta Orange shaded rose. Pkt. 10c, oz. \$4.50.

**Othello**—Dark maroon, satin sheen. Pkt. 10c, oz. \$4.50.

**Queen Victoria**—Pure white. Pkt. 10c, oz. \$4.50.

**Rose Queen**—Soft pink. Pkt. 10c, oz. \$4.50.

**Medium Large Flowered**—Mixed, best for out-door planting. Pkt. 10c, oz. \$3.00.

**AQUILEGIA P (Columbine)**—Graceful plants that bloom in the Spring. Long spurred flowers that will thrive in partial shade and moist soil. All colors mixed. Pkt. 15c, oz. \$8.00.

**ARABIS ALPINE R-P (Rock Cress)**—Easy to grow and very hardy. Pure white flowers. Pkt. 5c, oz. 90c.

**ARCTOTIS A (African)**—Blue-eyed Daisy. White petals with light lilac backs, blue center ringed with yellow. Lasts well as a cut flower. Pkt. 10c, oz. \$1.60.

**ARENARIA GRANDIFLORA R-P (Sandwort)**—A pretty, creeping plant which during June is covered with attractive white flowers. A good edging plant and invaluable for the Rock Garden. Pkt. 25c, oz. \$9.00.

**ARMERIA LAUCHEANA R-P (Sea Pink or Thrift)**—Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage from which appear innumerable pink flowers in dense heads. Very useful in rockery or border as they flower more or less continuously from early Spring until late Fall. Pkt. 25c, oz. \$9.00.

**BALLOON VINE A-C (Love in a Puff)**—The seed pods of this vine form inflated pouches that resemble a balloon. A rapid growing graceful climber. Pkt. 10c, oz. 50c.

**BALSAM A (Lady Slipper)**—Grow well in partial shade and develop rapidly. Double blossoms that grow close to the stalk. An excellent bedding flower. Pkt. 10c, oz. \$1.50.

**BELLIS PERENNIS P-R (English Daisy)**—Short growing button-like flowers in shades of pink, red and white. A great favorite for Rock Gardens and borders. Mixed colors. Pkt. 10c, oz. \$4.00.

**BROWALLIA ELATA A (Amethyst)**—Mixed colors. Graceful pyramidal plants that produce many star-shaped flowers in shades of blue and white. Grow easily either indoors or out. Pkt. 10c, oz. \$1.20.



Chinese Woolflowers



## ALYSSUM

Particularly adapted to edging, and one of the easiest to grow.

**Maritimum A**—Sweet—pure white, delicately scented. Four petaled flowers about ten inches high. Pkt. 10c, oz. 60c.

**Procumbens A-R**—Carpet of Snow. Best edging variety growing 4 inches high and producing a snowy mass of tiny white flowers. Pkt. 10c, oz. \$1.00.

**Compactum Erectum A-R**—Little Gem. Grows 6 inches high and produces honey scented blooms. Pkt. 10c, oz. 95c.

**Saxatile P**—Basket of Gold. A wealth of golden blooms in the Spring. Pkt. 10c, oz. \$1.00.

**AMARANTHUS, Caudatus A (Love Lies Bleeding)**—Long drooping racemes of deep red flowers. Pkt. 5c, oz. 20c.

## CALENDULA (POT MARIGOLD)—A

A free flowering showy class of annuals that are unsurpassed as cut flowers, or in the garden. They will thrive in poor soil and produce large double flowers.

**Art Shades**—Shades of apricot orange, cream and yellow. Pkt. 10c, oz. 40c.

**Campfire Improved**—The color is a very deep strong orange with a distinct scarlet sheen on the upper side of each petal. The center is light but scarcely ever noticed because of the complete doubleness of the flower. Blooms are flat across the top and measure at least 4 inches in diameter. Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 80c, oz. \$1.40.

**Sunshine or Chrysantha**—Large flowers of buttercup yellow with long loosely arranged petals. Pkt. 10c, oz. 50c.

**Orange King**—Dark center—extra select strain. Pkt. 10c, oz. 50c.

**Lemon Queen**—Pkt. 10c, oz. 50c.

**Finest Mixed**—Pkt. 10c, oz. 40c.

**CALLIOPSIS A (Thick Seed)**—One of the best hardy annuals, rich brown and yellow flowers numerous and beautiful. Mixed colors. Pkt. 10c, oz. \$1.00.

## CAMPANULA—B

Bell-shaped flowers in blue, white and pink that are very popular.

**Canterbury Bells (Medium)**—Double, mixed colors. Pkt. 10c, oz. \$2.20.

**Canterbury Bells**—Annual mixed—will flower from seed in 5 months. Pkt. 10c, oz. \$2.20.

**Cup and Saucer Calycanthema**—Mixed colors. Pkt. 10c, oz. \$2.50.

**CANARY BIRD FLOWER A-C (Tropaeolum peregrinum)**—A very pretty vine with finely cut foliage and peculiar bright yellow flowers. It should be more universally planted than it is. Pkt. 10c, oz. 35c.

## CANDYTUFT—A-R

Splendid for both cut flower and borders, bearing clusters of single four petaled blossoms in shades of lavender, white and rose carmine.

**Umbellata**

**Crimson**—Pkt. 10c, oz. 60c.

**Lilac or Lavender**—Pkt. 10c, oz. 60c.

**Rose Cardinal**—Pkt. 10c, oz. 60c.

**All Colors, Mixed**—Pkt. 10c, oz. 50c.

**Coronaria.**

**Empress**—Pure white extra large clusters. Pkt. 10c, oz. \$1.00.

**Perennial Gibraltarica**—Rosy lilac. Pkt. 10c, oz. \$1.50.

**CARDINAL CLIMBER A-C (Ipomoea Quamoclit Hybrid)**—Rapid growing graceful climber, with dark green foliage, star-shaped intense fiery red flowers that show to great advantage. Pkt. 10c, oz. \$1.20.



Calendula, Campfire

## CARNATION

**Chaubuad's Giant Double P**—Plants upright, robust, bearing numerous long stems of large well-formed double flowers. Bloom within five months from seed and continue throughout the season. Finest mixed. Pkt. 15c, oz. \$6.00.

**Marguerite Double A**—An annual double Carnation that will bloom from seed the first year. Pkt. 15c, oz. \$3.60.

## CELOSIA—A

A picturesque class of plants having colored foliage and bearing flowers of intense red or yellow.

**Improved Cristata Tall (Coxcomb)**—Finest mixed. Pkt. 10c, oz. \$1.20.

**Childsii (Chinese Woolflower)**—Finest mixed. Pkt. 10c, oz. \$1.20.

## CENTAUREA

**Cyanus Double A (Batchelor Button)**—A superb class of Cornflower that produces handsome large double blooms.

**Blue**—Pkt. 10c, oz. 65c.

**Finest Mixed**—Pkt. 10c, oz. 50c.

**CYNOGLOSSUM AMABILE A (Chinese Forget-Me-Not)**—Long graceful branches covered with turquoise blue blossoms that resemble Forget-me-nots. They are easy to grow. Pkt. 10c, oz. 60c.

**CYPRESS VINE A-C (Ipomoea quamoclit)**—Graceful climber with dark green foliage and star-shaped flower. 7 ft. Pkt. 5c, oz. 45c.

**DATURA WRIGHTII A (Angels Trumpet)**—Half hardy annuals producing large trumpet-shaped flowers seven to nine inches long. Roots may be preserved during the Winter in sand in a dry cellar. Finest Mixed. Pkt. 5c, oz. 45c.





Cosmos, Orange Flare

## COSMOS—A

Late Summer and Autumn flowering plants with feathery light green foliage. Flowers have broad fluted petals and are excellent for cutting. Will grow best in poor soil.

**True Early Mammoth Single.**

Crimson—Pkt. 10c, oz. 55c.

Pink—Pkt. 10c, oz. 55c.

White—Pkt. 10c, oz. 55c.

Finest Mixed—Pkt. 5c, oz. 50c.

Early Double Crested or Anemone Flowered—Pkt. 15c, oz. \$4.00.

**COSMOS—Orange Flare**—Here is an "All-America" gold medal winner that was even finer in all ways than the introducer's claims for it. Vivid, Orange Cosmos blossoms on long stems and with fine cut, bright green foliage. Blooms continuously and makes startlingly vivid bouquets used alone or in combination with other flowers. Pkt. 10c, 1/4 oz. 40c, 1/2 oz. 65c, oz. \$1.20.

## DELPHINIUM—P (PERENNIAL LARKSPUR)

Magnificent new shades and varieties of this old time favorite have been developed that brings new joy to the flower lovers. Tall stately Hollyhock flowering kinds for the back grounds and shorter varieties for borders.

**Wrexham Hollyhock Strain**—A fancy blending of light and dark shades that is unsurpassed in beauty. Pkt. 25c, oz. \$10.00.

**Belladonna**—Light blue. Pkt. 20c, oz. \$5.00.

**Belladonna Hybrids**—Mixed. Pkt. 20c, oz. \$5.00.

**Sinensis or Chinese Dwarf**—Finest mixed. Pkt. 10c, oz. \$1.60.

## DIANTHUS (PINKS)

Very closely related to the Carnation and Picotee, but more vigorous and hardy.

**Plumarius P**—Finest Mixed. Pkt. 10c, oz. \$1.50.

**Hybridus A (Sweet Wivelsfield)**—A rapid growing multiflora type of annual Pinks that is remarkably free flowering. Finest mixed. Pkt. 5c, oz. \$1.60.

**DIDISCUS Coeruleus A (Blue Lace Flower)**—Clusters of flowers like miniature lace parasols, in a shade of heavenly blue. Easy of culture and produce graceful flowers of great merit for cutting. Pkt. 10c, oz. \$1.35.

**DIGITALIS Gloxiniaflora B (Foxglove)**—Very effective and showy plants with dense spikes of flowers on stems three or four feet high. Finest mixed. Pkt. 10c, oz. \$1.35.

**DOLICHO Hyacinth or Jack Beans A-C**—Quick growing ornamental climbers producing clusters of white and purple pea-shaped flowers. Will thrive any where and make a dense shade. Pkt. 5c, oz. 15c.

**ESCHSCHOLTZIA A (California Poppy-Spreading Varieties)**—Handsome saucer shaped blossoms in white, yellow and orange shade with blue-green lacy foliage. Blooms profusely. A real addition to any garden or rockery. Finest mixed. Pkt. 5c, oz. 60c.

**EUPHORBIA Variegata A (Snow on the Mountain)**—A very showy hardy annual, one of our most useful foliage plants. Pkt. 10c, oz. \$1.00.

**EVERLASTING FLOWERS A**—Composed of selected varieties of everlasting flowers. Pkt. 10c, oz. 45c.

**FOUR O'CLOCK A (Marvel of Peru)**—The old and well-known Marvel of Peru; a beautiful plant of fine habit, glossy foliage and fragrant flowers. Hardy annual. Pkt. 10c, oz. 45c.

**GAILLARDIA Grandiflora P (Blanket Flower)**—A showy vigorous class of constant bloomers in shades of orange yellow and red. Finest mixed. Pkt. 10c, oz. \$1.50.

**GEUM P**—Flowers like little double roses, long stems and strawberry-like foliage—good cut flowers or perennial border plant. Finest mixed. Pkt. 15c, oz. \$3.50.

**GODETIA A (Tall Double Azalea Flowered)**—A genus of exceedingly handsome and showy hardy annuals from California, growing about a foot and a half high and producing numberless rosy-lilac flowers. Finest mixed. Pkt. 10c, oz. \$1.40.

**GOURDS A-C**—A highly interesting class of ornamental climbing plants with fruit of singular shape, color and markings. All kinds mixed. Pkt. 10c, oz. 25c.

## GYPSOPHILA (BABY'S BREATH)

Excellent for cutting and putting in bouquets.

**Elegans**—Large flowering annual white. Pkt. 5c, oz. 25c.

**Rosea**—Large flowering annual pink. Pkt. 5c, oz. 30c.

**Paniculata Alba**—Perennial white, single. Pkt. 10c, oz. 80c.

**HELIANTHUS A (Sunflower)**—Dwarf double. Finest mixed. Pkt. 10c, oz. 80c.



Hollyhock





Dianthus, Sweet Wivelsfield

**HELICHRYSUM A (Strawflower)**—An exceedingly handsome class, and of the greatest value for Winter bouquets. The flowers should be cut before they are fully expanded. Finest mixed. Pkt. 10c, oz. \$1.50.

**HELIOTROPE A (Cherry Pie)**—A general favorite for its delicious fragrance. Pkt. 10c, oz. \$4.00.

**HEUCHERA P (Coral Bells)**—Dwarf compact bushy plants of robust constitution and easy culture, growing 1½ to 2 feet high and bearing loose graceful spikes of pink flowers in the greatest profusion during July and August. Excellent for rockery or border. Pkt. 25c, oz.

**HIBISCUS P (Mallow)**—A showy ornamental class of plants suitable for a hedge or background. The flowers are 4 to 6 inches in diameter, beautiful shades of pink, red and white. Pkt. 10c, oz. \$1.80.

## HOLLYHOCK

**Triumph Mixed P**—A remarkable new early flowering Hollyhock, growing 4-5 feet high. Hollyhock Triumph is of branching habit, all the stems being studded with prettily waved and fringed flowers, which appear in a Kaleidoscopic variety of colorings hitherto unknown in the genus, including all the basic colors and many charming bi-color combinations. Pkt. 10c, oz. \$2.75.

**Chater's Double P**—This old garden flower has much improved of late and is becoming a greater favorite every year. The flowers being large and stems erect, the plants look best when grown at the back of a border. Pkt. 10c, oz. \$2.75.

**HUMULUS A-C (Hop Vine)**—Rapid growing vine that in a few weeks will cover unsightly places or provide shade where needed. Large lobed leaves variegated with metallic markings of white and yellow against the vivid green. Pkt. 5c, oz. 45c.

**HYPERICUM Polyphyllum P (St. Johnswort)**—Most desirable border plants of free and graceful habit producing long slender much branched stems. Excellent for Rock Gardens. Pkt. 25c, oz. \$5.00.

**KOCHIA Childssi A (Mexican Fire Bush)**—A quick grower and soon forms a beautiful cypress-like hedge. In the Fall the entire plant takes on a rich deep red hue. Pkt. 10c, oz. 40c.

**KUDZU VINE A-C (Pueraria Thunbergia—Jack and the Bean Stalk)**—Grows 8 to 10 feet in one season. Large bright green leaves that afford excellent shade. Small clusters of rosy pea-shaped flowers. Pkt. 10c, oz. 60c.

## LARKSPUR—A

Soft green feathery foliage, handsome long floral spikes of double blossoms ranging in color from pure white through soft shades of lavender and pink.

**Tall Double Stock Flowered.**

Sky Blue—Pkt. 10c, oz. \$1.20.

Lustrous Carmine—Pkt. 10c, oz. \$1.20.

Dark Blue—Pkt. 10c, oz. \$1.20.

Pink—Pkt. 10c, oz. \$1.20.

Purple—Pkt. 10c, oz. \$1.20.

White—Pkt. 10c, oz. \$1.20.

All Colors Mixed—Pkt. 10c, oz. 75c.

**Giant Imperial**—Delphinium like spikes of double flowers carried on stems 4-5 feet long. Due to erect habit of this strain can be grown in half the ground required for stock flowered types.

Exquisite Pink—Pkt. 10c, oz. \$1.80.

Los Angeles—Brilliant rose on Salmon. Pkt. 10c, oz. \$1.80.

White Spire—White. Pkt. 10c, oz. \$1.80.

Finest Mixed—Pkt. 10c, oz. \$1.40.

**LATHYRUS Latifolius P-C (Perennial Sweet Peas)**—A sturdy vine with pea-shaped flowers in clusters of eight or ten blooms. Pkt. 10c, oz. \$1.80.

**LINUM A (Flowering Flax)**—A handsome variety of free flowering annuals deserving a place in every garden. Pkt. 10c, oz. 80c.

**LOBELIA A (Crystal Palace)**—Compact dark foliage with dark blue flowers make this an ideal border and rock garden plant. Pkt. 15c, oz. \$6.60.

**LUNARIA B (Honesty or Money Plant)**—Used in Winter bouquets, silvery translucent oval seed pods of great beauty. Pkt. 10c, oz. \$1.25.

## LUPINE—A-P

Produces long spikes of Pea-shaped flowers. Very beautiful foliage. Useful for mixed borders and cutting.

**Hartwegi Annual**—Finest mixed. Pkt. 10c, oz. \$1.40.

**Polyphyllum Perennial**—Finest mixed. Pkt. 10c, oz. \$1.20.



Marigold "Sunset Giants"



## MARIGOLD—A

These plants supply an abundance of blooms and are one of the easiest to raise. Beautiful tones of orange and yellow.

### African Tall Double Fistulosa.

Orange—All double. Pkt. 10c, oz. \$4.00.

**Dixie Sunshine**—A grand new Marigold that looks like the large yellow Chrysanthemums we see in the Fall. The flowers are borne on tall erect stems and lack the objectionable Marigold odor. Foliage is rich and attractive. Start the seeds early since it is a late bloomer. "All America" Award of Merit 1936. Pkt. 20c, 1/4 oz. 85c, 1/2 oz. \$2.75, oz. \$5.00

**Chrysanthemum Flowered Hybrids**—These new Hybrids consist of many new distinct types of Marigolds, varying in size of bloom from two to four inches in diameter. Some of these types have petals which are very quilled and incurved and which remind one of miniature American Beauty Asters in orange and yellow. The plants are about three feet high, supporting masses of flowers on fine stems for cutting. Pkt. 15c, 1/4 oz. \$1.10, 1/2 oz. \$2.10, oz. \$4.00.

**Lemon**—All double. Pkt. 10c, oz. \$4.00.

**Finest Mixed**—Pkt. 10c, oz. \$1.20.

**Guinea Gold A (New)**—Orange, loosely ruffled flowers 2 to 2 1/2 feet. Pkt. 10c, oz. \$1.40.

**French Dwarf A**—Finest Mixed. Pkt. 10c, oz. \$1.00.

**Tagetes Signata Pumila A**—Bright orange dwarf. Suitable borders and rockeries. Pkt. 15c, oz. \$1.50.

**Gigantea Sunset Giants (Sweet Scented)**—A new fragrant Marigold that usually grows from 3 1/2 to 4 feet high, but under extremely favorable conditions have been known to grow 7 feet tall. The flowers are the largest ever known in the Marigold group, averaging 5 inches and some flowers attaining a size of 7 1/2 inches, but they are produced in such profusion that a plant of Sunset Giants is one of the showiest spots in the garden. These flowers have a definitely sweet fragrance. Pkt. 15c, 1/4 oz. 65c, 1/2 oz. \$1.30, oz. \$2.50.

**MESEMBRYANTHEMUM Crystallinum A (Ice Plant)**—These plants grow luxuriantly in barren rocky places and dry sand. Sparkling foliage like ice makes this plant an ideal one for rock gardens. Pkt. 5c, oz. 60c.

**MIGNONETTE A (Reseda)**—One of the most universal favorites in cultivation because of its delicate fragrance.

**Machet**—Sweet scented. Pkt. 10c, oz. 75c.



Nigella



Nasturtium

## MORNING GLORY—A-C

Rapid climbing free flowering annuals that are great favorites

**Major**—Known everywhere, is a royal acquisition with its immense and gorgeous colored flowers. Pkt. 10c, oz. 25c.

**Heavenly Blue A (Ipomea)**—Early flowering sky blue shading light towards center. This is the variety that is so popular all over the country. Pkt. 10c, oz. \$1.00.

**MYOSOTIS P (Forget-me-not)**—A charming and interesting perennial of easy culture, growing freely and in any moist situation.

**Alpestris Blue**—Pkt. 10c, oz. \$2.00.

## NASTURTIUM—A (INDIAN CRESS)

These plants will bloom over a very long period of time and are one of the most favored of flowers. The dwarfs are excellent for both borders and beds.

**Dwarf Double Gem Mixture**—A more compact strain of the semi-double sweet scented gleam Nasturtiums. Plants are truly dwarf and compact, totally without runners and flowers are of good size, and gaily cover the gem-like little plants in an evenly balanced excellent color range which includes shades of yellow, orange, scarlet, crimson, salmon cerise, cream maroon and spotted. Pkt. 10c, 1/2 oz. 20c, oz. 35c.

**GLORIOUS GLEAM HYBRIDS**—The flowers are uniformly double, large, well formed and delightfully sweet scented while the stems are long and wiry, bearing the numerous flowers well above the foliage. The color range is wide and well-balanced, including glorious shades of salmon, golden yellow, orange scarlet, cerise, cream yellow, maroon, orange, crimson and gold flushed scarlet. Pkt. 10c, oz. 35c.

**GOLDEN GLEAM**—The romance of Old Mexico enters our gardens when we have Golden Gleam Nasturtiums in them. The molten gold of the Mexican sunshine, the cool green verdure of Mexican hillsides or "sierras," the sweetly wafted perfume of a tropical night—all are with us when we have a border or bed of Golden Gleam. Even the spirit of "manana" may come with the plants, for tomorrow will do very well for that extra work usually necessary today with other plants. They must not be over-fed nor over-watered or they will go to too much growth and not enough flowers. Easy to grow, sure of fine results, beautiful flowers, masses of color all season, delightful perfume that is Golden Gleam. Pkt. 10c, oz. 35c.

**Dwarf**—Finest mixed. Pkt. 10c, oz. 25c.



**Tall A-C**—This old time favorite has been improved by cross-breeding until its variations in coloring in both flowers and foliage are marvelously beautiful. There is no flower (excepting perhaps the Sweet Peas) which give such large returns for so little care. It continues to bloom throughout the Summer till stopped by frost. Finest mixed. **Oz. 25c.**

**NICOTIANA Affinis A (Sweet Flowering Tobacco)**—Hybrids. A good border plant having long tubed white flowers which open about six o'clock P.M. and emit a powerful and pleasant odor during the evening and night. **Pkt. 10c, oz. \$1.40.**

**NIGELLA A (Love in a Mist)**—A singular plant known also as the devil in the bush, owing to the flower being partially concealed by the finely cut foliage. Choice mixed. **Pkt. 10c, oz. 50c.**

## PANSY—P

Commonly called Heartsease. This universal favorite is so well-known as to render any description superfluous.

**Large Flowering Mixed**—

**Roggoli Swiss Giant**—This variety produces immense flowers of the richest shades and markings. **Pkt. 50c, oz. \$30.00.**

## PETUNIA—A

Petunias lend themselves to a greater variety of uses than any other plant. Blooming within two months after planting and continuing until frost time, they supply an abundance of flowers whether planted in beds, borders or window boxes

**ROSE GEM**—At last it is possible to have a uniform border of pink Petunias. Rose Gem forms compact plants about eight inches high that are covered with large rosy pink blossoms. Blooms continuously through the entire Summer and late into the Fall. Don't fail to edge one of your flower beds with this new Petunia. "All America" Award of Merit 1936.

**Flaming Velvet (Gold Medal 1936—"All America" Selection)**—A sensation because of the uniform excellence of its velvety rich blood red flower. Plants are semi-compact in habit, about 15 inches tall and the flowers are large and borne in great profusion.

**Hybrida**—Best strain of Petunia for bedding, due to their bushy habit of growth. Very free flowering.

**Alba**—Pure white.

**Blue Bee**—Viola Jersey Gem color.

**General Dodd's**—Blood Red.

**Howard's Star**—Reddish purple with white star.

**Rose King**—Rich rose.

**Violacea**—Deep violet.

**Good Mixture**—

**Nana Erecta**—Low growing with superb single blossoms. Very free flowering.

**Rose of Heaven**—Rose pink.

**Rosy Morn**—Select pink white throat.

**Balcony (Hybrida Pendula)**—Best variety for window boxes. Longer more spreading plants that will droop over

**Deep Blue**—

**Rose**—

**White**—

**Finest Mixed**—

**Giants of California**—Fringed and ruffled. A well-balanced mixture of light and dark colors and attractive deep throats.

**Large Flowered Double**—

## PHLOX (Drummondii Grandiflora)—A

For variety, brilliancy of color and constant show there is no flower that equals the Phlox.

**Chamois Rose**—

**Crimson**—

**Violet**—White eye.

**White**—

**Finest Mixed**—**Pkt. 20c, oz. \$8.00.**

**Phlox Decussata P**—One of the most satisfactory perennial plants. They grow vigorously and flower freely in August and September. All colors mixed.

**PHYSALIS Francheti P (Chinese Lantern Plant)**—Unique formed flaming orange, red lanterns arranged along stiff stems. Very effective for Winter decorations in the house. **Pkt. 10c, oz. \$1.20.**

**PHYSTOSTEGIA R-P (False Dragon Head)**—One of the prettiest hardy perennials. It forms dense bushes 3 to 4 feet high, bearing freely during the Summer months, spikes of delicate tubular pink flowers not unlike a gigantic heather. **Pkt. 15c, oz. \$2.50.**

## POPPY (PAPAVER)

Very showy hardy plants producing immense flowers of brilliant color, succeed well in any good garden soil.

**Tall Double Carnation Flowered A (Fringed)**—Double globular flowers with fringed petals. Finest mixed.

**Shirley Double A**—Silky petaled blossoms of great merit. Finest mixed. **Pkt. 10c, oz. \$1.00.**

**Nudicaule P (Iceland)**—Cup-shaped flowers in many shades of yellow and orange. Finest mixed. **Pkt. 20c, oz. \$5.00.**

**Oriental P (Majestic)**—Huge cup-shaped flowers with crinkled petals. Finest mixed.

## PORTULACA—A

Low growing neat plants producing a profusion of brilliant richly colored flowers. Succeed best on dry gravelly soil. Unsurpassed for borders and rock gardens.

**Single**—Large flowering, finest mixed. **Pkt. 10c, oz. \$3.00.**

**Double**—Rose flowered, finest mixed. **Pkt. 15c, oz. \$7.00.**

**PYRETHRUM Roseum P (Painted Daisy)**—Hardy Persian Daisy. A combination of single and double flowers in shades of salmon, rose, crimson and white. **Pkt. 10c, oz. \$4.50.**

**RICINUS A (Castor-Oil-Plant)**—One of the most stately and ornamental large plants cultivated. Looks best grown as single specimens.

**Zanzibariensis**—Finest mixed. **Pkt. 10c, oz. 35c.**

## SALVIA (SCARLET SAGE)—A

These plants make a wonderful border plant or hedge.

**Bonfire**—16 inches tall, free blooming. Red.

**Splendens**—24 inches tall, large flowering early strain.

**Blue Bedder**—An annual blue Salvia, excellent as a filler for bouquets.

**Azurea Grandiflora P**—Grows 3 to 4 feet high, producing during August and September racemes of pretty sky-blue flowers in the greatest profusion.

**SALPIGLOSSIS—Finest Mixed (Painted Tongue)**—Trumpet shaped flowers in a wonderful range of colors. Mixed. **Pkt. 10c, oz. \$1.50.**

**SAPONARIA Officinalis P**—Double white and rose. A useful plant for the rockery or border, producing masses of attractive flowers from May to August. Height, eight inches. **Pkt. 10c, oz. \$1.20.**

**SCABIOSA A (Morning Bride)**—A very showy and pretty plant, excellent for mixed borders. Flowers of all colors from black to white. Very useful for bouquets.

**Large Flowered Tall Double.**

**Blue**—**Pkt. 10c, oz. \$1.40.**

**Rose**—**Pkt. 10c, oz. \$1.40.**

**Scarlet**—**Pkt. 10c, oz. \$1.40.**

**Finest Mixed**—**Pkt. 10c, oz. \$1.00.**

**SCARLET RUNNER BEANS—A-C**—A popular climbing plant with spikes of showy scarlet flowers. Continuous bloomer. 8 to 10 feet. **Pkt. 5c, oz. 10c.**

**STATICE Sinuata A (Everlasting)**—These flowers add grace and beauty to any bouquet. Can be used green or dried. Mixed. **Pkt. 10c, oz. 75c.**



## STOCKS (GILLIFLOWER)—A

**Large Flowering Dwarf Ten Week**—Annual stock present nearly all the requisites of a perfect flowering plant, beautiful flowers, delightful fragrance, early flowering and abundance of flowers.

**Finest Mixed**—Pkt. 10c, oz. \$1.75.

**Mammoth Early Branching Nice**—Coming into flower just as early as the Dwarf Ten Week varieties, and forming plants pyramidal in shape. This is the most popular class for general use. Height, 18 inches.

**Abundance**—Carmine rose. Pkt. 15c, oz. \$3.50.

**Aurora (Chamois)**—Cream, tinted pink. Pkt. 15c, oz. \$3.50.

**Bright Violet**—Fine rich violet. Pkt. 15c, oz. \$3.50.

**Cote D'Azure**—Light Blue. Pkt. 15c, oz. \$3.50.

**Lloyd George**—Blood red. Pkt. 15c, oz. \$3.50.

**Mt. Blanc**—White. Pkt. 15c, oz. \$3.50.

**Monte Carlo**—Canary yellow. Pkt. 15c, oz. \$3.50.

**Finest Mixed**—Pkt. 15c, oz. \$3.50.

## SWEET PEAS—A

**Late Spencer**—This strain of Sweet Peas is the most suitable for our climate and give the best results. Large flowers delicately waved or frilled with graceful wings and long stems. Usually bear four blossoms on a stem. The twelve varieties listed below have been selected for their outstanding merits.

**Apple Blossom**—Rose shaded blush.

**Ascot**—Bright pink.

**Avalanche**—Glistening white.

**Colorado**—Bright orange.

**Fortune**—Rich dark blue.

**Gleneagles**—Very large, pale blue lavender.

**Miss California**—Salmon cream pink.

**Pinkie**—Large rose pink.

**Royal Salute**—Deep cerise.

**Sybil Henshaw**—Rich crimson.

**The Sultan**—Black velvety maroon.

**What Joy**—Deep rich cream.

Pkt. 10c, oz. 35c, 1/4 lb. \$1.15, lb. \$4.00.

**Unrivalled Mixture**—This mixture contains a fine selection of the largest and most attractive varieties. Pkt. 10c, oz. 30c, 1/4 lb. \$1.00.

**Spencer Field Grown Mixture**—Pkt. 10c, oz. 15c, 1/4 lb. 50c.

**Special Collection of Six (6) separate colors**—50c.

**Giants of California (Grandiflora).**

**Finest Mixed (not Spencers)**—Pkt. 5c, oz. 15c, 1/2 lb. \$1.00.

**ROCK GARDEN ANNUALS, Mixed**—A splendid mixture of free flowering plants suitable to rock gardens. Pkt. 5c, oz. 80c.

**ROCK GARDEN PERENNIALS, Mixed**—A selected mixture of the better hardy plants suitable for Rock Gardens. Pkt. 10c, oz. \$2.80.

## SWEET WILLIAM—P (DIANTHUS BARBATUS)

One of our most desirable perennials of various colors.

**Newport Pink**—Single pink.

**Velvety Maroon**—Single dark red.

**Finest Mixed**—Double. Pkt. 10c, oz. \$3.00.

**THUNBERGIA A-C (Black Eyed Susan)**—Beautiful climbers with an abundance of single flowers ranging in color from white to orange with dark eye. Excellent for hanging baskets, vases, etc. When sown in beds and pegged down like Verbenas, will send up innumerable flower stalks so as to make the whole bed a mass of flowers. Pkt. 10c, oz. \$2.00.

**TRITOMA P (Red Hot Poker)**—Orange scarlet flower spikes three feet tall. Pkt. 10c, oz. \$2.25.

**VALERIANA Centranthus P (Garden Heliotrope)**—Silvery green foliage with feathery clusters of tiny sweet scented flowers. Will thrive in rock gardens. Pkt. 10c, oz. \$1.20.

## VERBENA—A

Dwarf creeping plants that produce a profusion of fine clusters of star-shaped blossoms with rounded lobed petals.

**Venosa**—Heliotrope purple, hardy creeper. Mammoth flowering.

**Mammoth.**

**Defiance**—Scarlet. Pkt. 10c, oz. \$2.80.

**Golden Queen**—Yellow. Pkt. 10c, oz. \$2.80.

**Pink Shades**—Pkt. 10c, oz. \$2.80.

**White**—Pkt. 10c, oz. \$2.80.

**Italian Striped**—Pkt. 10c, oz. \$2.80.

**Mammoth Choice Mixed.** Pkt. 10c, oz. \$2.50.

**WALL FLOWER A**—Early forcing annual. Pretty little flowers, somewhat resembling Ten Week Stock. Finest mixed. Pkt. 10c, oz. \$1.00.

**WILD CUCUMBER A-C**—One of the most rapid climbers we have for quickly covering verandas, trellises, etc., they are unequalled. After once started will seed themselves year after year. 10 to 15 feet. Pkt. 10c, oz. 30c.

## ZINNIAS—A

One of the most brilliant and desirable annuals cultivated. Our stock is of the best.

**Giant Dahlia Flowered**—Plants are of medium height 2-3 feet, very robust, bearing many long stems of the fully double huge flowers which resemble the show type of Dahlia.

**Canary Bird**—Rich canary yellow.

**Crimson Monarch**—Deep crimson flowers, very large.

**Exquisite**—Light rose, deep rose center.

**Meteor**—Rich deep red.

**Oriole**—Orange and gold bi-color, turning deep orange as it ages.

**Polar Bear**—Pure white.

**Purple Prince**—Deep purple.

Pkt. 10c, oz. \$1.65.

**Collection of six colors**—50c.

**All Colors Mixed**—Color range good. Pkt. 10c, oz. \$1.15.

**Lilliput, Pompon or Baby Zinnia**—The Lilliputs are fast supplanting all other types of Zinnias for cut flower use. The flowers are small, compact and symmetrical on strong stems.

**Canary Yellow**—Pkt. 10c, oz. \$1.65.

**Crimson Gem**—Pkt. 10c, oz. \$1.65.

**Deep Flesh**—Pkt. 10c, oz. \$1.65.

**Salmon Rose**—Pkt. 10c, oz. \$1.65.

**Finest Mixed**—Pkt. 10c, oz. \$1.15.

**Linearis**—A dwarf early flowering form. The single flowers are deep golden orange with a delicate light yellow stripe which contrasts boldly with the dark center. Very early flowering and the plant reaches a height of 8 to 10 inches with a spread of as much as 2 feet. Pkt. 15c, 1/4 oz. 85c, 1/2 oz. \$1.60, oz. \$3.00.

**Fantasy Mixed**—An entirely different Zinnia with shaggy curled petals that give the blossoms a graceful, informal appearance. The Medium size flowers include all the colors found in the large flowering types. This Zinnia received an Award of Merit in the "All America" selections in 1935 and should have a place in every garden. Pkt. 10c, 1/4 oz. 30c, 1/2 oz. 90c, oz. \$1.60.

## BEGONIAS

**Tuberous Rooted**

**SINGLE**

**Orange, Red, Yellow, Pink.** Each 40c, doz. \$4.50.

**DOUBLE**

**Salmon, Rose, Scarlet, Orange.** Each 40c, doz. \$4.50.



# BULBS FOR SPRING PLANTING



Caladium

## CALADIUM ESCULENTUM

Magnificent foliage plants sometimes called Elephant Ears. Leaves sometimes a yard long and a half as wide. Size 5-7.

## CANNAS

The most satisfactory bedding plant we have. The dwarf French varieties are especially beautiful, bearing large flowers of most brilliant colors. **Each 20c, doz. \$2.25.**

**City of Portland**—Pink, green leaves. **Each 20c, doz. \$1.00.**

**Eureka**—Excellent foliage. Light green flowers white with cream tinting. Height, 4 feet.

**King Humbert**—Enormous flame scarlet flowers. Green foliage. Height, 4 feet. **Each 20c, doz. \$2.25.**

**The President**—Red, green leaves. **Each 20c, doz. \$2.25.**

**Yellow King Humbert**—Large flowers of the most beautiful shades of yellow spotted red. Green foliage. Height, 4 to 5 feet. **Each 20c, doz. \$2.25.**

## DAHLIAS

### GIANT FLOWERING

#### The Finest Varieties

**FD**—Formal Decorative; **ID**—Informal Decorative  
**C**—Cactus; **SC**—Semi-Cactus

The figures given in description denote the diameter of the flower in inches.

**Buckeye Bride FD**—Geranium pink to salmon. 8-9 inches. A tall grower and free flowering with very long stems. A real prize. **Each 50c.**

**Chautauqua Gold FD**—Deep, rich gold with a faint shading of red on reverse of petals. Massive and appealing. 10 inches. **Each 75c.**

**Chautauqua Regal FD**—Cardinal red. 10-12 inches. A heavy bloomer and fine exhibition dahlia. **Each 50c.**

**Chautauqua Salute ID**—The finest pure white dahlia. 9 inches. Great quantities of blooms which last from one to two weeks when cut. **Each 50c.**

**City of Buffalo ID**—Cardinal red. 11 inches. This reddest of all red dahlias has the brightest and most intense coloring. Strong grower and free bloomer. **Each \$1.00.**

**City of Jamestown FD**—Light canary yellow. 8 inches. Fine form and stem with very brilliant glossy foliage. **Each 35c.**

**Clara Carder ID**—Cyclamen pink. 12 inches. A dahlia of great beauty in form and color. A consistent prize winner **Each 75c.**

**Col. Lewis ID**—Very deep rose. 12 inches. One of the most beautiful dahlias grown with unusual and luxuriant foliage. **Each \$1.00.**

**Countess of Lonsdale C**—Coral rose. 5 inches. A heavy bloomer and very popular for cutting. **Each 25c.**

**Dokoupil's Giant FD**—Lavender. 8-10 inches. This fine European variety is very hard to beat in its color class. Perfect stems. **Each 50c.**

**Dorothy Stone ID**—Deep pink. 10-12 inches. A fine grower producing many exquisite blooms over a long season. **Each 50c.**

**Entrup's Monarch FD**—Deep American Beauty rose. 9-10 inches. A massive flower of great beauty. **Each 50c.**

**Girl of Hillcrest ID**—Apricot buff. 10-12 inches. Easily grown, early, very large, blooms heavily and has perfect stems and bush. **Each 35c.**

**Golden Standard C**—Golden tan. 9-11 inches. Few cactus dahlias have won so many prizes. Very fine. **Each 50c.**

**Incandescent ID**—Autumn shaded rose. 10-12 inches. One of the most satisfactory and easily grown dahlias in existence. Tall, well branched bush. **Each 75c.**

**Inkyo ID**—Dark maroon. 8-9 inches. The darkest of all dahlias with petals like velvet. It flowers heavily for a long season. **Each 50c.**

**Jane Cowl ID**—Buff, old rose and gold. 10-12 inches. One of the finest and most popular varieties. A really marvelous dahlia. **Each 35c.**

**Jersey's Beacon FD**—Chinese scarlet, reverse and tips buff. 10-12 inches. Exceptionally fine. **Each 35c.**

**Jersey's Beauty FD**—True pink. 6-8 inches. Grown more widely than any other dahlia for cutting. **Each 25c.**

**Jersey's Dainty C**—White. Probably wins more prizes than any other white cactus dahlia. Very profuse blossomer. **Each 35c.**

**Mrs. Geo. Le Boutillier ID**—Deep crimson red. 12-14 inches. An exhibition dahlia that is very hard to beat in the show room. The huge blossoms are produced in quantity on a very vigorous bush. **Each \$1.00.**

**Orange Moon ID**—Orange buff, shading to orange apricot. 10-12 inches. Blooms of great depth like huge balls. Long stems hold the glorious blooms high over a robust bush. **Each 50c.**

**Pres. F. D. Roosevelt FD**—Chinese red, edged fawn. 10-12 inches. This dahlia lights up any garden. Fine in every way. **Each 75c.**



Dahlia



## DAHLIAS—Continued

**Rose Beauty FD**—Lavender rose shading to white at the base of the petals. 8-9 inches. Very long stems. Grows well under the most difficult conditions. **Each 75c.**

**Son Commodore ID**—Lemon yellow, reverse shaded white. 12-13 inches. Wide petalled and full, this dahlia more than looks its immense size. **Each 75c.**

**The Commodore ID**—Lemon yellow. 12 inches. Low growing and a heavy bloomer. Easily grown. **Each 35c.**

**Theresa Ann FD**—Scarlet red. 8-9 inches. Perfect stems. Long lasting. Unexcelled for the garden or for cutting. **Each 75c.**

### POMPON DAHLIAS

**Amber Queen**—Orange amber. **Each 25c.**

**Belle of Springfield**—Red. **Each 25c.**

**Charming**—Lavender pink. **Each 25c.**

**Joe Fette**—White. **Each 25c.**

**Yellow Gem**—Yellow. **Each 25c.**

## GLADIOLUS

A selected list of new and standard varieties. Mostly Giant flowering. Flowers that rival the rose in beauty. They will thrive in almost any good soil except a stiff clay. Should be planted in full sunlight and avoid the use of rank manure. Can be planted from last of April till middle of June.

**Aida**—Large deep blue with small reddish lilac blotch.

**Charles Dickens**—Purple violet, tall spikes that bear more flowers than most purple varieties. A very strong grower. **Each 10c, doz. \$75, 100 \$5.50.**

**De Bonair**—La France pink shading to shrimp pink. Creamy throat. Tall strong spikes with many large open flowers.

**Apricot Glow**—Buff apricot, with cream throat. Large wide open flowers.

**Early Peach**—Tall, peach red or pink. **Each 11c, doz.**

**Fripped Champion**—Large heavily ruffled, clear scarlet self color. Very distinct.

**Gate of Heaven**—Deepest, richest yellow.

**Golden Dream**—Golden yellow. Large flower. One of the best in this shade. **Each .08c, doz. \$.80, 100 \$5.75.**

**Maid of Orleans**—Milky white, enormous flowers. An outstanding variety. **Each .07c, doz. \$.60, 100 \$4.50.**

**Mary Elizabeth**—White with yellowish throat. 6-10 flowers open at the same time

**Max Reger**—We consider this variety the very best of the Blue Pfitzer varieties. It grows better than any of the blues, is larger in flower, and is good all around. **Each 10c, doz. \$1.10, 100 \$8.25.**

**Michigan Giant**—Very deep salmon red, with many flowers open on tall straight spikes. Very pleasing and a giant all around. **Each 10c, doz. \$1.15, 100 \$8.75.**

**Minuet**—Beautiful clear lavender. The last word in light lavender. **Each 10c, doz. \$1.15, 100 \$8.75.**

**Mother Machree**—Lavender over-laid with salmon pink toward the edges. Tall with six to ten flowers, open at a time.

**Mrs. E. J. Heaton**—Strawberry pink. **Each 10c, doz. \$1.15, 100 \$8.75.**

**Mrs. Leon Douglas**—Begonia rose striped with flame scarlet. Lower petals pale lemon speckled ruby. Extra large flowers. One of the largest glads in existence.

**Orange Imperator**—Beautifully shaped flowers, slightly ruffled, of a very good orange color. **Each .07c, doz. \$.70, 100 \$5.20.**

**Paradise**—Apricot, slightly ruffled, tall. **Each 08c, doz. \$.75, 100 \$5.50.**

**Picardy**—One of the most beautiful light pink in existence. Tall beautiful wide open flowers, five to six inches across. **Each .08c, doz. \$.80, 100 \$5.75.**

**Purple Glory**—Deepest velvety maroon with almost black blotches. Large ruffled flowers. A real giant.

**Red Lory**—Carmine rose with crimson blotches. Unusually tall spikes with as many as twelve to fifteen flowers open at a time. **Each .09c, doz. \$.90, 100 \$7.00.**

**Red Phipps**—Tall, many flowers open at one time. One of the best red Glads. **Each .09c, doz. \$.90, 100 \$7.00.**

**Smiling Maestro**—Very large flowers of rich orange red. Many flowers open at the same time. Tall straight spike. **Each 10c, doz. \$1.10, 100 \$8.30.**

**Shirley Temple**—Immense, ruffled cream. **Each .07c, doz. \$.75, 100 \$5.50.**

**Sonatine**—Light pink with cherry blotches. Tall.

**Tip Top**—Brilliant scarlet, giant flowers, wide open.

**Mixed**—All colors. **Each .06c, doz. 65c, 100 \$4.75.**



Regale Lily

## LILIES

Anyone can grow them, they should be set where they are to remain as they do not take kindly to removal, and will grow larger and stronger from year to year if left undisturbed.

**Auratum**—The beautiful golden banded Lily, freely spotted with crimson and gold band running through the center of each petal, sweet-scented.

**Rubrum**—White and rose, with crimson spots, sweet-scented.

**Lilium Regale**—One of the most beautiful Lilies yet introduced, grows 3 to 5 feet high and blooms in July. Large trumpet-shaped flowers. Ivory white, shaded pink, tinged with canary yellow at the base of the petals. Perfectly hardy.



# FLOWERS FOR DIFFERENT PURPOSES



## FOR CUT FLOWERS

*Anchusa	Larkspur
Antirrhinum	Marigold
Arctotis	Mignonette
Aster	Nasturtium
Calendula	(Gleam)
Calliopsis	Nigella
Candytuft	Petunia
*Carnation	Phlox
Centaurea	Poppy,
Chrysanthemum	Nudicaule
Clarkia	*Pyrethrum,
*Coreopsis	Roseum
Dianthus	Salpiglossis
Didiscus	Scabiosa
*Gaillardia	Stocks
Gypsophila	Sweet Peas
Helichrysum	Verbena
	Zinnia

## DAMP SPOTS

Amaranthus	Marigold
Calendula	Mignonette
Four O'Clock	Nigella
Larkspur	Ricinus
Linum	

## ANNUALS WHICH WITHSTAND DROUGHT

Abronia	Helianthus
Ageratum	*Hollyhock
Alyssum	Humulus
Arctotis	Marigold
Browallia	Marvel of
Candytuft	Peru
Centaurea	Mesembry-
*Coreopsis	anthemum
Cosmos	Petunia
Cynoglossum	Portulaca
Dianthus	Scabiosa
Dimorph-	Statice
theca	Verbena
Euphorbia	Zinnia
*Gaillardia	

## PORCH BOXES AND HANGING BASKETS

Abronia	Petunia
Ageratum	Portulaca
Coleus	Thunbergia
Lobelia	Verbena
Nasturtium	
(Gleam)	

## FLOWERS FOR WINTER BOUQUETS (DRIED FLOWERS)

Celosia	Helichrysum
Cristata	*Lunaria
*Gypsophila	*Physalis
Paniculata	Statice

## DWARF EDGING PLANTS

Ageratum	*Myosotis
Alyssum	Nasturtium
Arabis	(Dwarf)
*Bellis	Pansy
Lobelia	Portulaca
Marigold	Verbena
(French)	Zinnia,
Marigold	Linearis
(Signata	
Pumila)	

## RAPID GROWING ANNUAL VINES

Balloon Vine	Morning
Canary Bird	Glory
Vine	Nasturtium,
Cardinal	Tall
Climber	Scarlet Run-
Cobea	ner Beans
Gourds	Sweet Peas
Hyacinth	Wild
Bean	Cucumber

## ANNUALS FOR FRAGRANCE

Alyssum	Nicotiana
Candytuft	Petunia
Carnation	Scabiosa
Heliotrope	Stocks
Mignonette	Sweet Peas
Nasturtium	Wallflower
(Gleam)	

## ANNUALS WHICH PREFER A LIME SOIL

Amaranthus	Mignonette
Dianthus	Stocks
Hunnemania	Wallflower

## ANNUALS FOR POOR SOIL

Alyssum	Kochia
Antirrhinum	Mesembry-
Celosia	anthemum
Clarkia	Nasturtium
Cosmos	Portulaca
Euphorbia	Statice
Godetia	Verbena

## FOR SEMI-SHADE

*Anchusa	Coleus
*Aquilegia	*Geum
*Bellis	Godetia
Perennis	Lupine
*Campanula	*Myosotis
Centaurea	Pansy
Clarkia	*Sweet William

## FOR ROCK GARDENS (Annuals)

Abronia	Mesembry-
Alyssum	anthemum
Dianthus	Nasturtium,
Dimorpho-	Dwarf
theca	Phlox Drum-
Lobelia	mondi
Marigold-	Portulaca
Tagetes	Verbena

## FOR ROCK GARDENS (PERENNIAL)

Alyssum,	Geum
Saxatile	Heuchera
Aquilegia	Hypericum
Arabis	Linum
Arneria	Myosotis
Armeria	Poppy-
Bellis	Nudicaule
Perennis	Verbena,
Dianthus	Venosa

The varieties marked with an asterisk (\*) are best treated as perennials.







## HARVEY'S FIELD SEEDS

Due to rapidly changing prices we are unable to quote prices in this catalog. Write for price.

### MARQUIS WHEAT

Holds the Championship Trophy for  
the World's Best Wheat

#### THE KING OF THE SPRING WHEATS

Even the name Marquis carries a conviction that inspires confidence, so enviable is the reputation it has attained as the earliest, largest yielding, most dependable, greatest adaptability and most plump of the bald Spring Wheats.

Marquis is a cross between Calcutta Hard Red and Red Fife (a combination of earliness, yield and high quality). Kernels are a beautiful dark red, hard, large size, attractive shape and color. Heads are exceptionally large, beardless and practically rust-proof. Straw medium in height and very stiff. Price variable.

### WINTER ROSEN RYE

Price Variable

### BARLEY

**Six-rowed**—Wisconsin No. 38 Smooth Awn.

**Two-Rowed**—For feeding purposes the two-rowed is superior to the six, yielding a third more of both straw and grain.

**Alpha Two-Rowed**—Stiff straw best adapted for general use in New York.

Price Variable

### BUCKWHEAT

**Japanese**—The kernels are at least twice as large as any other variety.

**Silverhull**—Earlier than the common variety and yields nearly double under the same conditions.

Price Variable

### FIELD CORN

Bags will be Charged Extra in which  
Corn and Farm Seeds are Shipped

**Genesee Valley**—Our famous eight-rowed yellow flint with ears from 12 to 15 inches long, cannot be equalled; small cob, beautiful bright golden yellow grains. Ripening very early and good yielder.

**Early Sanford**—An eight-rowed white flint, very desirable for either grain crop or ensilage purposes.

**King Philip**—Copper colored with long slim ears. An old standard variety.

**Longfellow**—Extra long ears of bright yellow color, very attractive.

**Smutnose**—A good old-fashioned variety with tips of ears stained red.

**Improved Leaming**—Best Silo Corn to be had and is used for that purpose more than any other variety. Our stock is one of the best.

**Bloody Butcher**—An extra early maturing variety, extensively grown in the Northern States where the seasons are short. Ears 8 to 12 inches long with 12 to 16 rows of a reddish or flesh color kernels, maturing in 90 days.

**Pride of the North**—An early Dent variety introduced several years ago, and as popular today as ever. We have the genuine variety.

**Early Butler Yellow Dent**—A cross from Pride of the North and somewhat earlier than that excellent variety. Probably no corn in cultivation will outshell it. 70 lbs. of ears having shelled out 64½ lbs. of shelled corn. It has a beautiful yellow color and will give the grower the greatest satisfaction.

**White Cap Yellow Dent**—Claimed to be 10 days earlier than the Leaming; and on poor thin soil to out-yield that variety by 25%. The tip end of the grain is white and the inside yellow, which combination gives it a more beautiful appearance. Expert Corn growers pronounce it a perfect field corn.

**Lancaster Co. Sure Crop**—Silo, 90 days, ripe, 100 days. There is no Corn in Eastern States that produces a bigger yield under normal conditions. Thousands of dairymen count on this great corn for their silage crops.

**Sweepstakes**—One of the heaviest yielding silo varieties that will mature in the Northeastern States. The ears are immense and the stalks grow 10 to 12 feet high.

**Cornell No. 11**—This Corn produces a heavy yield of both stalks and grain. At its best for silo in 95 days.

**Red Cob Ensilage**—A large white corn with red cob, stalks especially sweet, tender and juicy, has short joints, abundance of leaves and grows to a great height. A perfect Ensilage Corn.

**Virginia Eureka**—Large white corn that produces a heavy stalk.

**Penna. Golden Beauty**—Our name for Sweepstakes type.

#### WRITE FOR PRICES ON SEED CORN

Bags Extra on Beans, Peas, Grass Seed and  
Seed Grains



## MILLET

Valuable as a catch crop. When grass is short may be sown up to the end of June, or middle of July and produce a good crop of hay.

**German**—Per bu.

**Broom Corn (or Hog)**—Valuable for hog and chicken feed. Per bu.

**Japanese**—The largest variety of all, grows from 6 to 8 feet high, yielding immense quantities of feed. Per bu.

**Hungarian Grass**—Similar to the Millets. Per bu.

## OATS

**Scottish Chief**—A revelation in Seed Oats. Grains are brilliant, white, extra large. Weighs 42 to 46 pounds to the bushel. Grows about 4 feet high, with strong stiff straw. Phenomenal yielders, often 75 bushels to acre. Northern grown and acclimated.

**White Wonder**—An excellent variety of good weight.

**Swedish**—Very hardy and a sure cropper, large plump grain with thin hull.

**Cornellian**—The heads are large, branching or tree-shaped and stand up well. The kernels are long, rather slender have thin hulls and large meats.

Ask for Prices on Field Seeds

## SUDAN GRASS

An annual grass, growing from 5 to 7 feet high in ten weeks, making enormous quantities of hay, eaten greedily by all kinds of stock, on which they will thrive. It will make two heavy cuttings in a season and grows freely in droughty weather. It should be sown broadcast at about 20 pounds to the acre. Per lb. 20c.

## POTATOES

**Bovee**—An extra early variety. It is pink and of oblong shape. This potato is 12 days earlier than the Early Ohio.

**Early Ohio**—Round early variety.

**Early Six Weeks**—Said to be a seedling from Ohio which it resembles but very much earlier. Under favorable circumstances the potatoes reach the size of hen's eggs in six weeks from planting. Its extreme earliness makes it an ideal variety for the home garden.

**Irish Cobbler**—A medium early white variety that is round in shape and unsurpassed in cooking qualities. Excellent yielder.

**Carmin No. 9**—Most popular late variety.

Ask for Prices

## HAIRY VETCH (VICIA-VILLOSA)

Winter Vetch has been found adapted to nearly all parts of the United States. In drought resistance it is perhaps the

best of the Vetches. It will also stand severe cold, so that it is rarely frozen out in the Northernmost States. This makes it particularly valuable as a Winter cover and green manure crop.

Hairy Vetch gives the best results when planted on well tilled and well drained land. Seed should be drilled or broadcasted at the rate of 25 to 40 pounds per acre. When grown for hay it is usually sown with a bushel of Rye, Oats or Wheat. Some farmers, however, use only a peck or less of the grain. It may be sown from September to December. When desirable to delay the maturing of a Fall-sown crop it may be pastured quite late in the Spring.

**Winter Vetch**—Lb.

**Spring Vetch**—Lb.

## SPELTZ

A cereal somewhat resembling rye, yields enormous crops of green fodder if cut early or may be left to ripen its grain which is of great feeding value and relished by all kinds of stock. Per 100 lb.

## RAPE

**Dwarf Essex**—Grown extensively for forage, especially for sheep. Sown in June or July it yields a bounteous Fall pasturage on which sheep and young stock fatten with marvelous rapidity. If sown broadcast about five pounds per acre will be required; if drilled, considerably less will do. We have the true Essex Dwarf, which should not be confounded with the worthless annual. Lb. 30c.

**Flax Seed**—Lb. 35c.

## SUGAR CANE

**Early Amber**—Used largely for fodder, rich in saccharine and the best of dairy foods. Lb.

## SOY BEANS

**Cayuga**—A new variety developed at the New York State College of Agriculture. It is early maturing and heavy yielding. The seed is nearly black. For hay, sow two bushels per acre.

**Black Wilson**

**Early Yellow**—An intermediate variety.

**Manchu**—A later variety than some of the others and taller and produces a heavier crop of foliage.

Ask for Prices on Soy Beans

## PEAS

**Canada Field**—Per bu.

Bags Extra on Beans, Peas, Grass Seed, and Seed Grains

# CLOVER AND GRASS SEED

No seeds vary so much in quality or require more discrimination in buying. We exercise the greatest care in their selection and offer only the best that can be produced all carefully cleaned and free from noxious weeds. Special prices will be quoted on large quantities on application.

## CLOVER SEEDS

**Alsike**—Perfectly hardy, does not heave in Winter. Unsurpassed for bees. Price variable.

**Medium Red**—The common variety. Price variable.

**Mammoth Red**—Stock true and prime. Price variable.

**Crimson**—An annual with crimson flowers. Valuable as a fertilizer.

**White Dutch Clover**—A dwarf clover for lawn. Lb. \$1.75.

**White Blossom Sweet Clover**—Sweet Clover is a valuable farm crop. Experience has shown that it is excellent for green manure, it makes first rate pasture and with proper care it can be made into hay and silage.

## ALFALFA CLOVER

Northwestern Grown

It has been proven that with proper treatment and the right seed success with Alfalfa Clover is certain. The crop may be cut from three to four times a year, producing from a ton to a ton and a half at each cutting. At the same time you are enriching the soil for future crops as it is a great nitrogen gatherer. The use of the right kind is very important. We carry two varieties that experience has shown will do well in this locality. We recommend the use of bacteria for inoculation on all Clover Seed and particularly on Alfalfa.

## GRIMM

In soil that is inclined to heave this is the variety to use. Price variable.

**Northwestern Seed**—This is the variety most generally used as it is very hardy and will do as well as Grimm on soil that does not heave badly. Price variable.



## GRASS SEEDS

**Timothy**—One of the best Grasses for hay and pasture. We furnish only the best re-cleaned seed. **Price variable.**

**Red Top (*Agrostis Vulgaris*)**—A valuable permanent grass as a mixture in either meadows, pastures, or lawns. Cleaned from chaff. **Lb. \$1.30.**

**Kentucky Blue Grass (*Poa Pratensis*)**—Thrives on a variety of soils. Valuable for lawns. **Lb. \$1.25.**

**Canada Blue Grass (*Poa Compressa*)**—Similar to Kentucky Blue. Succeeds best on clay soil but does well on sandy loam. **Lb. \$1.15.**

**Seaside Bent**—A creeping grass of great merit for shady places and slopes. **Lb. \$2.00.**

**Astoria Bent**—Used for same purpose as Seaside Bent Grass. **Lb. \$1.90.**

**Red Fescue**—Excellent for shady places and in sandy soil. Valuable in seeding banks. **Lb. \$1.10.**

**Domestic Rye Grass**—Quick growing. **Lb. 25c.**

**Chewing's Fescue**—A splendid grass that forms a close and lasting turf. Does well on any type of soil and is very drought resistant. **Lb. \$1.10.**

**Rye Grass (*Lolium Perennial*)**—The staple grass of Great Britain entering largely into the composition of many of the richest meadows and pastures. **Lb. 45c.**

**Meadow Fescue (*Festuca Pratensis*)**—The most important species of the Fescues, highly valuable for permanent grass lands, both for Spring and Autumn. **Market.**

**Rough Stalked Meadow (*Poa Trivialis*)**—Thrives best in moist sheltered soils well adapted for irrigated meadows and places shaded by trees. **Lb. \$1.50**

**Harvey's Special Pasture Mixture**—Our special will meet the average need and for all ordinary conditions will be found entirely satisfactory and make a bounteous supply of feed. It should be sown at the rate of 30 lbs. per acre. **Market.**

We pay particular attention to the needs of Golf Courses and prepare special mixtures adapted to your soil conditions. We also prepare mixtures for formulas furnished by the Clubs. **Prices on application.**

**Lawn Grass Mixture Listed on Back Cover**



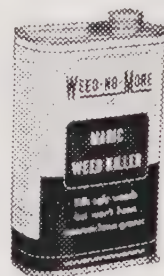
**Acme Weed Killer**—Destroys weeds and all vegetation. The kind to use on driveways, clay courts, paths, etc. Also widely used in spotting out dandelions, plantain, and other noxious lawn weeds by application undiluted, using a weed cane or squirt-bottom oil can. **Pint 50c, quart 75c, gallon \$2.00.**



**Acme Ant-Kill**—Is the most effective for control of all honey-dew loving ants. Eliminates the whole colony. Syrup is sold with only safety cup

on the market. Fully covered by U. S. Patents. **Jr. set 35c, cottage set 65c, 2 oz. bottle 20c, extra cups 10c.**

**Weed-No-More**—The magical new selective weed killer (2, 4-D hormone type) highly effective against all large leaf lawn and garden weeds. Does not sterilize the soil. **8 oz. can \$1.00** (one 8 oz. can covers 1600 sq. ft. of lawn area.) **Quart can \$2.98.**



**Acme Dawg-Gone**—Protect that evergreen—keep dogs away. Remove cap and hang tube of Dawg-Gone (opening down) in the lower branches of trees at the points of approach. Not necessary to place tube in every tree unless standing alone. The odor slowly emanating from the open tube will keep dogs at a distance—replaces unsightly wire screens or mechanical contrivances. **Tubes 30c each.**

**Acme Kopper Shield**—

A pruning and tree wound paint. An anti-septic treatment to prevent such diseases as European canker fungus, hard rot, and certain other fungi from penetrating the wounds while the tree is naturally overcoming the shock. Covers twice as much surface as ordinary bituminous compounds. **1/2 pt. 45c, Pint 65c, quart \$1.20, gallon \$3.75.**

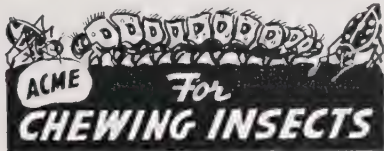


**Acme Stop**—A sticky tree banding compound for use on trees, shrubs, and vines to prevent insects from crawling up to destroy foliage. Simplifies the spraying problem later. A gummy, sticky oil mass retaining stickiness over a long period. Easily removed from hands and tools with kerosene soaked cloth. **1 lb. 95c, 7 1/2 lb. \$5.50.**



**Acme Bait-M**—with Metaldehyde (Offered only in territory west of Rocky Mountains.) is an attractive insect bait for plant protection. Contains metaldehyde, the marvelous new discovery for control of snails and slugs. Also contains Calcium Arsenate effective against cut worms, ear wigs, sow bugs, grass hoppers, and certain other insects which migrate on ground. **1 lb. 35c, 2 1/2 lb. 75c.**





**Acme Rotenone Garden Guard**—Is an ideal insecticide for the home garden. Dust or spray. The killing ingredient is Rotenone—non-injurious to human and warm blooded animals. Acts both as contact and stomach poison against a wide range of insects. **1 lb. sifter carton 50c, 1 lb. pump gun 65c.**

**Acme Arsenate of Lead**—Is the widest used arsenical insecticide. Safe on tender foliage for the control of chewing insects on fruit trees, vegetables, tobacco, and many other plants. Controls grubs in lawns. **1 lb. 60c, 4 lb. bag \$1.75.**



**Acme Red River Potato Mix**—Dust or spray. A scientific formula combining a patented copper fungicide with quick-killing arsenic. Kills potato bugs quicker—drives off flea beetle and leaf hopper—prevents blight—stimulates foliage. Get top

prices for your harvest. **1 lb. bag 60c, 4 lb. bag \$1.90.**

**Acme Red River Potato Mix Containing DDT**

—The new insecticide (DDT) has been added to the tried and proven Red River Potato Mix formula, combining a patented copper fungicide, quick killing arsenic and DDT, to give superior control against psyllid and leaf hopper, quicker potato bug kill, blight prevention, drives off flea beetle—maximum yield in garden plot or commercial acreage. Use as dust or spray. **1 lb. 60c, 4 lb. \$1.90.**



**Acme Rotenone Garden Guard and Acme Tomato Dust** available in this handy pump gun package



**Acme Paris Green**—Strongest and quickest-acting of all arsenical insecticides. Used on hardy foliage such as potatoes, cotton, tobacco, and in insect baits where extreme measures are necessary. **1/4 lb. 25c, 1 lb. 65c, 5 lb. \$3.00.**

**Rotenone Garden Spray (NNOR)**—Containing Rotenone kills most common garden bugs of both sucking and leaf eating types. **You've got to wet them—to get them.** NNOR penetrates the waxy or hairy covering, brings the tremendous power of Rotenone into action. **1 oz. 35c, 6 oz. \$1.00, 16 oz. \$2.15, gals. \$13.50.**



**Acme Vegetable and Flower Garden Dust**—A dust or spray containing nicotine for many common varieties of sucking insects, and arsenicals for leaf eating insects for the home vegetable and flower garden. **1 lb. cartons 40c, 4 lb. bags \$1.10.**

**Acme Emo-Nik**—Is a valuable spray for the control of scale, red spider, mealy bug, white flies, rust mites, aphids, and many other common insects. A complete contact insect spray combining nicotine in its most active form with Emo, a high quality summer oil emulsion. Practically odorless when sprayed. **4 1/4 oz. 37c, pint 75c, quart \$1.15, gallon \$3.25.**

**Acme Aphis Spray**—Combines a soft spray soap with Black Leaf 40. Recommended for aphids (plant lice), thrip, leaf hopper, and many other hardy insects infesting rose bushes, flowers, shrubs, vines, bushes, and trees. **3 oz. collapsible tube 40c.**



**Acme Lime Sulfur**—A standard 33 Baume lime and sulphur converted into a dry powder having all the effectiveness of a liquid product when dissolved in water. For dormant spraying against scale, peach blight, leaf curl, and twig borer. For summer spraying against scab, soot, blotch, red spider, and mite. **1 lb. 45c, 5 lb. \$1.65.**

**Acme Tomato Dust**—Is especially prepared to control blight and worms preying on tomatoes. While specifically designed for tomatoes, it also is equally effective in the control of leaf chewing insects and blight on many other vegetables such as potatoes, cucumbers, beans and cabbage, also many flowers as roses, azalea, evergreens, asters, and hollyhock. **1 lb. sifter carton 55c, 4 lb. \$1.25, 50 lb. \$12.25.**

**Acme Bordeaux Mixture**—Prevents large losses caused by blight, rot, mildew, scab, anthracnose, etc. Stimulates plant growth, increasing the harvest. Almost every kind of vegetable, fruit, and shrub can be improved by Bordeaux spraying. **1 lb. 50c, 4 lb. \$1.15.**



**Acme Kopper King**—The perfect spray or dust for control of tomato blight. Recommended for use wherever Bordeaux Mixture is used. Suitable for use as either dust or spray. Kopper King is a tri-basic copper sulphate—a modern development. **1 lb. 60c, 4 lb. \$2.00.**

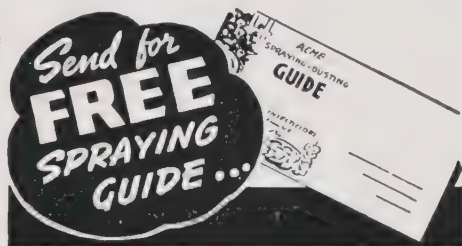
**Acme Kopper Queen (Mildew Spray)**—Is a stainless liquid copper spray for the control of mildew, leaf spot, and black spot on rose bushes, flowers, and many other kinds of foliage. Leaves no unsightly residue. A liquid spray replacing Bordeaux Mixture and Sulphur. **1/2 pt. 35c, pint 60c, qt. 90c, gal. \$2.25.**



**Acme Wettable Dusting Sulphur**—Is an improved dusting sulphur for home use which can also be used as a liquid spray. Controls red spiders on evergreen, mildew, leaf spot, black spot, and rust on rose bushes, chrysanthemums, snapdragons, carnations, and certain other foliage 98% passes through a 325 mesh screen. An excellent chigger chaser. **2 lb. sifter carton 45c.**

**Acme Vegetable and Flower Garden Dust**—See Sucking Insects.

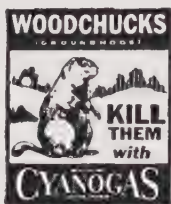
**Acme Aphis Spray**—See Sucking Insects.





**Cro Fez**—Saves seed loss and replanting. Stop the crow pulling your corn.  $\frac{1}{2}$  pt. 50c, treats 1 bu. Pint 75c, treats 2 bu.

**Cyanogas**—When exposed to the air, Cyanogas A-Dust gives off a gas that kills these destructive pests almost instantly. One whiff is enough for any woodchuck. A heaping tablespoonful in each opening is sufficient. All openings should then be closed. 1 lb. 98c, 5 lb. can \$3.75.



**Cyanogas**—Use Cyanogas G-Fumigant, scatter it over the greenhouse walks and close the house for the night. One cent more than pays the cost of fumigating 1,000 cubic feet in a greenhouse. Ask for "Cyanogas Handbook" for Greenhouses and Nurseries, contains complete directions. 5 lb. can \$3.75, 25 lb. drum \$12.50, 100 lb. drum \$30.00.



**Cyanogas Ant Gas**—4 oz. can 39c.



**Red Arrow**—For a garden free of destructive insects, use Red Arrow—the perfected non-poisonous Garden Spray. Economical, efficient and safe. One ounce Red Arrow makes eight gallons of spray against aphids, practically all soft-bodied insects and many hard shelled. Simply mix with water and spray. Harmless to humans, pets and plants. Prices: Oz. bottle 35c, 4 oz. bottle \$1.00, pt. can \$2.85, qt. can \$5.50. "The only Garden Spray 99% of Home Gardeners require."



**Rotecide**—For safety as well as efficiency use a rotenone spray, kills ants, aphids, beetles, cabbage bugs and worms, cut worms, leaf hoppers, red spiders, rose bugs, slugs, squash bugs, thrips and tomato worms as well as many others. 1 oz. bottle 35c, 8 oz. bottle \$1.00, pt. \$1.75, gal. \$8.00.

**Slug-Shot Dust**—The safe, non-poisonous dusting insecticide, kills chewing insects and controls fungus, harmless to humans, plants and vegetables. Kills Mexican beetles, cabbage worms, beetles, potato bugs, green flies, slugs, etc. Lb. 40c, 5 lb. \$1.65, 25 lb. \$5.00.



**Snarol**—Cutworms, sowbugs, grasshoppers, slugs, snails, earwigs, etc., are quickly exterminated. Snarol is a ready-prepared meal that you simply broadcast on the ground under vegetation. Pests eat it at night and are quickly destroyed. Will not deteriorate from rain or sprinkling. 1 lb. pkg. 35c,  $2\frac{1}{2}$  lb. 75c.



**Tobacco Dust**—Pure tobacco ground to a fine powder. Effective in the destruction of all insect life, especially useful on cucumbers and all tender plants as it does not burn. Lb. 15c, 5 lb. 60c, 10 lb. \$1.00.

**Triogen**—Combined spray treatment. Fungicide, insecticide and plant stimulant. Complete protection against plant insects and diseases. In the past mildew and black spot have been most difficult to combat. These diseases are now easily controlled with the Triogen Spray Treatment. It is easily applied and also acts as a plant stimulant, producing vigor in growth with resultant luxurious blooms. Triogen was officially adopted for the exclusive protection of the garden of 6,000 roses at the Century of Progress, Chicago World's Fair. Small Kit—makes 16 qts. \$2.25, Medium Kit \$6.00, Large Kit \$9.00.

**Semesan**—A disinfectant for vegetable and flower seeds generally increases germination, preserves seed against rotting, increases yield, generally prevents and controls damping off. Prices:  $\frac{1}{3}$  oz. pkt. 20c, 2 oz. tin 45c, 12 oz. tin \$2.10, 4 lb. tin \$10.10.



**Semesan Bel**—New Improved Semesan Bel. At least 50% of all seed potatoes in this country carry disease in some form or other. Even the use of certified seed does not insure against disease. The New Improved Semesan Bel now offers an instantaneous dip treatment for potatoes that costs but  $1\frac{1}{2}$  to 3c a bushel, or less than the old "two hour" soak methods—protects seed from rotting in cold wet soil—gives better control of seed-borne scab and rhizoctonia—more consistent increases in yield and consequently larger profits. It is rapid and easily used. Just mix Improved Semesan Bel with water, dip your potatoes, drain and plant. No time consuming soaking necessary. One pound of Improved Semesan Bel treats from 60 to 80 bushels of Seed Potatoes. Prices: 2 oz. 35c, 1 lb. \$1.83, 4 lb. \$6.33.

**Semesan Jr. Improved**—Seed corn disinfection with Semesan Jr. is profitable crop protection. Early planting of Corn frequently makes larger yields possible, but early planted Corn has often been handicapped by the seed rotting in the ground. Semesan Jr. affords seed corn protection from rotting in cold wet soil and at an insignificant cost of only  $2\frac{1}{2}$ c per acre. 4 oz. treats 2 bushels. Prices: 2 oz. pkt. 17c, 12 oz. tin 62c.



**New Improved Ceresan**—This ethyl mercury phosphate dust disinfectant is for the control of bunt or stinking smut of Wheat, smuts of Oats, and covered smut and stripe of Barley. It is easily and quickly applied with a seed treater or by the shovel method. It does not reduce drilling rate nor damage drill. One pound treats 32 bushels of Seed at a cost of about 2c per bushel. Prices: 4 oz. 35c, 1 lb. 90c, 4 lb. can \$3.00.



All insecticides listed with the exception of Cyanogas and Formaldehyde may be mailed.



## FERTILIZERS

**FARM FERTILIZER**—Can furnish local trade with any fertilizer that may be desired for particular crops. Ask for prices, stating crops for which desired.

**Adco**—A powder which when mixed with almost any non-woody vegetable waste such as leaves, corn stalks, weeds, garbage, etc., and kept moist gradually converts the mass into artificial manure of great value. **7½ lb. bag \$1.25, 25 lb. sack \$2.50, 100 lb. bag \$9.50.**

**Aluminum Sulphate**—For souring or acidifying soil for rhododendrons, azaleas, etc., apply two pounds to ten square feet of ground. **Lb. 10c, 5 lb. 45c, 10 lb. 95c, 25 lb. \$1.65**

**Bone Meal**—Excellent for general use or mixing with potting soil. **5 lb. 60c, 10 lb. \$1.00, 25 lb. \$2.25.**

**Driconure**—Dehydrated cow and poultry manure and peat moss. Clean and free from weed seed, fungus and insect life. Practically odorless. Excellent for lawns, gardens, trees, and potted plants. **50 lb. bag (2 bu.) \$2.35.**

**Hyponex**—Complete balanced plant food that can be used for transplanting solution. Excellent for house plants and gardens. **Pkt. 10c makes 6 gals., 3 oz. can 25c makes 18 gals., lb. can \$1.00 makes 100 gals., 10 lb. can \$8.00 makes 1,000 gals.**

**Milorganite**—Non-burning. **\$3.59 per 100 lb.**

**Nitrate of Soda**—High in nitrogen. **1 lb. 10c, 5 lb. 45c, 10 lb. 85c.**



**PlanTabbs**—Odorless plant food in tablet form. Finest thing in the world for potted and outdoor plants and flowers. Can be used in tablet form or dissolved in water. **25c, 50c, and \$1.00 size boxes.**

**Sheep Manure, Pulverized**—For lawns, golf greens, gardens, flower beds, house plants, shrubbery, etc. Our sheep manure is the best and strongest in fertilizing and enriching elements of all nature's fertilizers, containing as it does, nitrogen, phosphoric acid, ammonia and potash in liberal proportions. It is three times stronger than cow manure. **5 lb. 45c, 10 lb. 75c, 25 lb. \$1.25, 50 lb. \$2.00, 100 lb. \$3.75.**

**Fruitone**—Stops premature drop of flowers, fruits and leaves. **Pkt. 10c, 2 oz. jar \$1.00.**

**Rootone**—The plant hormone powder. For better rooting of cuttings, seeds, and bulbs. Just dip cuttings into the powder before planting. To treat seeds and bulbs, just dust with Rootone before planting. **¼ oz. package 25c, 2 oz. jar \$1.00, 1 lb. can \$5.00.**

**Transplantone**—The vitamin-hormone plant stimulant. Just mix one teaspoonful to a gallon of water. Then water the soil around the roots. Stimulates backward plants and regenerates roots. Use on seedlings, shrubs, rose bushes and trees. **1 oz. makes 1000 gallons solution. 1 oz. can 50c, 3 oz. can \$1.00, 1 lb. can \$4.00.**

**Sulphate of Ammonia**—Applied to your lawn will furnish plant food (nitrogen) that promotes a vigorous grass growth, thus crowding out the weeds and at the same time it produces a soil condition that weeds do not like. **1 lb. 10c, 5 lb. 45c, 10 lb. 85c, 25 lb. \$1.75.**



**Sacco, the Complete All-Purpose Plant Food**—Contains all eleven elements needed to make things grow. This excellent product is used by thousands of home and estate owners and professional gardeners. It will help you grow thicker, greener grass—beautiful flowers with larger blooms—vigorous, healthy trees and shrubs—and a thriving vegetable garden. You will notice a big difference in your lawn and flowers—faster growth and livelier color—after applying Sacco, the plant food that's famous for results. Sacco is always uniform, clean and easy to apply. Complete directions in each package. **1 lb. 10c, 5 lbs. 50c, 10 lbs. 90c, 25 lbs. \$1.50, 50 lbs. \$2.75, 100 lbs. \$3.95.**

# G & F

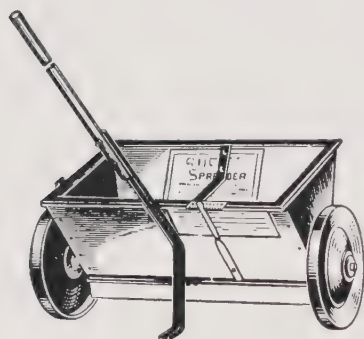
### GREENS and FAIRWAYS MIXTURE

This excellent product is also made by the manufacturers of Sacco Plant Food. G & F has long been the favorite fertilizer for developing and maintaining golf course greens and fairways. This special mixture is rich in organic nitrogen which is released to the soil gradually, assuring continuous and correct feeding between applications.

There's no finer fertilizer for lawns because it develops a thick, sturdy root system which discourages weeds and eventually crowds them out. G & F Mixture is used year after year on hundreds of golf courses and by home and estate owners who take pride in fine, luxuriant lawns. Easy and economical to use. Complete directions in each bag. **25 lb. bag \$2.10, 100 lb. \$6.50.**



## FERTILIZER SPREADERS

SALEM  
16-IN.  
SPREADERS"America's  
Greatest Value"New Disc Wheels  
Larger HopperFoot Rest and  
Hand Feed Control

Fully equipped spreader features feed adjustment handle. Right size for small lawns. Sturdily built and embodying the features of the larger models. The spreading width, 18 inches; hopper capacity, 22 pounds; wheel diameter, 8 inches; shipping weight, 13 pounds each. Packed 1 to carton.

16-inch spreader.....	\$ 7.50
20-inch spreader.....	11.50
30-inch spreader.....	17.50
36-inch, Heavy Duty.....	35.50

16 and 20-inch spreaders—rubber tires

**E-Z Fertilizer Spreader**—Economical, efficient, no muss, no waste. **\$1.25 each.**

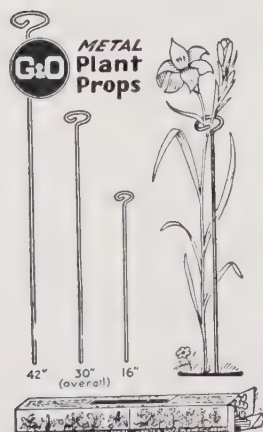
## MISCELLANEOUS

**Lime**—Agricultural lime is beneficial to all vegetable growth, unlocking the elements of fertility and especially valuable for alfalfa. **10 lb. bag 35c, 80 lb. bag 80c.**

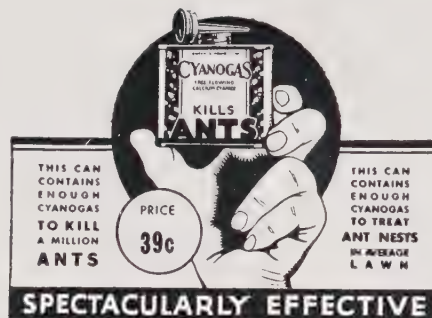
Special price on large quantities.

**Grafting Wax**—Consisting of high grade gum rosin, bees-wax and tallow. Used for grafting, budding, top working, etc., of all kinds of fruit, ornamental trees, shrubs, and vines. It is unexcelled for use in painting cuts, bruises and after trimming. **1/4 lb. cake 30c, 1/2 lb. cake 45c, 1 lb. cake 70c.**

**Peat Moss**—Fine, granulated Peat Moss. Used to improve soil. It supplies nitrogen direct to the roots of growing plants, also adds humus making soil more pliable (loose) and improves its general condition. To a marked degree Peat Moss also contributes effective drainage and soil ventilation, when properly mixed with soil as it absorbs and retains large amounts of moisture so essential to plant growth. When fertilizers, etc., are added the absorbing quality of good Peat Moss increases the efficiency of same, retaining all fertilizers in solution. Peat Moss can be used for lawns, for flowers and vegetable beds. Excellent as a top dressing or mulch. **Prices: Large bale (about 20 bu.) \$4.95, bushel 70c.**

METAL  
PLANT PROPSBaked in  
Garden Green Enamel

	Dozen
30" overall.....	\$1.25
42" overall.....	1.50
66" overall.....	2.50
78" overall.....	3.70
33" Fence Rods.....	1.75



Enlarge entrances to nest and pour in small amount of Cyanogas Ant-Killer. Close hole with dirt. The deadly gas liberated destroys the colony and kills the queen residing deep in the nest.

**Tree Wound Paint**—Adherent, antiseptic, weather resisting paint for use in pruning or when bark of tree is injured. Elastic and water proof. **1/2 pt. 50c, pt. 90c, qt. \$1.75.**

**Dog-Zix**—A spray to keep dogs away. **Small bottle 45c, large bottle 65c.**

APPROX. 70,000,000 LBS. OF AIR-NITROGEN  
ABOVE EVERY ACRE. THIS IS AVAILABLE  
FREE FOR SOIL AND CROP IMPROVEMENT IF YOU  
**CONVERT LEGUME SEEDS  
INTO FERTILIZER PLANTS**

Inoculating by with  
**NITRAGIN** 1898

ALFALFA  
RED CLOVER  
SWT. CLOVER  
COWPEAS  
PEAS  
VETCH  
A. W. PEAS  
SOYBEANS  
LESPEDEZA  
PEANUTS  
BEANS  
ALL LEGUMES

**BUILD UP YOUR SOIL** Inoculate Your Legumes  
With NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

## 1946 NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

## ALFALFA

Sweet, Bur, Hubam Clovers

Size	Retail
1 bu. ea. ....	.50
2 1/2 bu. ea. ....	1.00

## CLOVERS

Medium &amp; Mammoth

Red, Alsike, Crimson &amp;

White Clovers

1 bu. ea. ....	.50
2 1/2 bu. ea. ....	1.00

## PEAS (All Varieties)

VETCHES (All Varieties)

100 lb. size (Inoculates up to 100 lbs.) ea. ....	.50
1200 lb. size ea. ....	5.70
(12-100 lb. size cans)	

## BEANS—Navy Pinto, Wax,

String, Kidney, Gr. Northern

1 bu. ea. ....	.35
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## LESPEDEZA Hulled or Unhulled

100 lb. size (Inoculates up to 100 lbs. seed) ....	.50
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PEANUTS, LIMA BEANS,  
COW PEAS

Size	Retail
Small (Inoculates up to 120 lbs. seed) .....	.30
5 bu. ea. ....	.55
25 bu. (one can) ea. ....	2.50
30 bu. (one ctn.) ea. ....	3.25
(Contains 6-5 bu. cans)	

## SOYBEANS (All Varieties)

Small (Inoculates up to 120 lbs. seed) .....	.30
5 bu. ea. ....	.55
25 bu. (one can) ea. ....	2.50
30 bu. (one ctn.) ea. ....	3.25
(Contains 6-5 bu. cans)	

## LUPINES (All Varieties)

100 lb. size (Inoculates up to 100 lbs. seed) ea. ....	.50
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## GARDEN SEED

Garden Peas and Beans  
Sweet Peas, Lupines and  
Edible SoybeansEnough for 8 lbs. seed  
Retail Price 10c each.**NITRAGIN—Oldest and Most Widely Used Inoculator in America**





**Germāco**  
**Hotkaps**

- Hotkap Home Garden Package, 25 Hotkaps and Cardboard Setter... \$ .70
- Special 100 package, containing 100 Hotkaps ..... 2.75
- Special 250 package, containing 250 Hotkaps ..... 4.65
- 1000 Hotkaps ..... 14.65
- Steel Hotkap setter and tamper... 2.00
- Garden Setter ..... .50



**FROST** can't hurt



**RAIN** can't harm



**INSECTS** can't touch

Crops protected with HOTKAPS get to market 2 to 3 weeks earlier . . . bring premium prices . . . insure bigger yields. HOTKAPS are patented wax paper cones—miniature hothouses placed over seed or plant. Protect against frost, rain, wind, birds and insects. Maintain a perfect mulch around tender plants. HOTKAPS are inexpensive to buy, easy to set out. Millions used every year.



**Dirt-Proof, Washable**  
**GARDEN GLOVES**

**ALL LEATHER**  
**DURABLE**  
**EXTRA SOFT**

*Easy to Wear*

**—for Men and Women**

Eezy Wear gives you everything you want in a garden glove: **all-leather** protection from dirt, scratches, stains, infection—yet permit almost **BAREHAND FREEDOM**. Their amazing **softness** and **pliability** are the result of a special processing of select lamb skins. Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for gardening, housework, painting, furnace, garage, etc.

Sizes for **WOMEN** (small, medium, large) and **MEN** (small, medium, large).

Price, \$1.25 a pair

**NATIONAL**  
**Eezy Wear**  
**GLOVES**

**MISCELLANEOUS**

(Continued)

**Twist-Ems**—The new handy plant tie. Colored green. 125-8 inch, 35c.

**Bamboo Stakes**—Pencil size, stained green. Will sway with the wind, thus preventing injury to plants. **\$3.00 per 100.**

**Natural Raffia**—For tying plants. 75c lb.

**Wood Labels**—Painted. Postpaid. 3½ inch Copper Wired Tree Labels. 50c per 100, **\$4.75 per 1,000**; 4 inches long 50c per 100, **\$4.75 per 1,000**; 6 inches long 65c per 100, **\$5.50 per 1,000**; 8 inches long 80c per 100, 10 inches long **\$1.50 per 100**, 12 inches long **\$2.00 per 100.**

**SOIL TEST KITS**

**Sudbury**—Tests will give Ph, Nitrogen Phosphorus deficiency, also includes complete directions for building soil to proper balance. **\$2.50 per set.**

**Allen**—New, simplified method of soil analysis for the home gardener. Includes list of vegetables and flowers that will grow in your present soil. Gives acidity or alkalinity test. **79c each.**

**WEED KILLERS**

**Weedone**—A mixture of 60 to 1 will give an effective kill on Poison Ivy, Dandelion, Plantain, Ragweed, Thistle, etc. 6 oz. bottle 75c, quart \$2.50, gallon \$7.50 Prepaid.

**Thompson's**  
**DEE-CEE-PEE**  
**WEEDICIDE**  
2, 4 - dichlorophenoxyacetic acid

**KILLS WEEDS IN 7 TO 30 DAYS' TIME**

**SPRAY THE LEAVES**  
**WEEDICIDE GETS TO THE ROOT OF THE MATTER**  
**KILL THE ROOTS**

Revolutionary weed killer—non-corrosive, non-inflammable. Won't stain. Harmless to animals. Weedicide destroys worst weed pests, Poison Ivy, Poison Oak, Canada Thistle, Jap Honeysuckle, Bindweed—many others.

**LIQUID OR TABLETS**

\$ 1.00 Treats .....	2720 sq. ft.
2.75 Treats .....	¼ acre
10.00 Treats .....	1 acre
30.00 Treats .....	5 acres

**KILL Crab Grass**

WITHOUT DESTROYING *Lawn Grass*

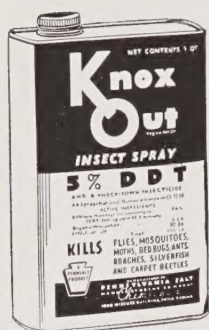
**ZOTOX**



..An amazing liquid chemical kills Crab Grass **without permanent injury to lawn grasses**. Kills the plant and seeds—checks reinfestation. Proved by 6 years of success. A 16-oz. bottle makes 10 gallons and treats 2000 sq. ft. Zotox also kills **Chickweed, Spurge, Dandelion, Plantain, Poison Ivy** and many other weeds. Prices: 8-oz. bottle \$1.00; 16-oz. \$1.50; 32-oz. \$2.50; 5 lbs. \$4.50. Ask for **FREE literature**.



## DDT INSECTICIDES



**Knox-Out Insect Spray**—Knox-Out Insect Spray is an AA household insect spray, containing 5% DDT. It has double action, 99½% knock-down and 99%+ kill and in addition it gives a residual action when sprayed on surfaces which kills insects which light on them. The residue is effective for some time, from a few weeks to three months. Knox-Out Insect Spray is highly efficient in controlling flies, mosquitoes, ants,

fleas, bed-bugs, roaches and other household insect pests. Pleasantly perfumed. Packed in colorful lithographed cans, handy for use. Pints 35c, quarts 65c, gallons \$2.35.

**Knox-Out Insect Powder**—Knox-Out Insect Powder contains 10% DDT. This product is a decided improvement over old style insect powders. For use in homes, factories, dairies and institutions. It is especially prepared to control crawling insects and also for use where oil sprays or water emulsions are not desired. In out of the way corners and cracks it will reach many insects that other methods would not touch. Insects carry it to their quarters and affect the young. It is efficient for the control of ants, bed-bugs, certain roaches, poultry lice, dog fleas and some dog ticks. Not used on cats. Knox-Out Insect Powder is packed in a fine efficient bug-gun containing 8 ounces. 50c.

**Indor Fly Spray**—This product is the same as our previous Indor with 5% DDT added. This will be a general purpose insecticide of a very high efficiency. It will knock insects out of the air and also leaves a residue on surfaces which will have insecticidal action. It is particularly packed for dairy, food plants, factories and institutions in 5 gallon, 15 gallon, 30 gallon and 50 gallon sizes. 5 gal. can \$11.25.

**Pennsalt DDT Emulsion**—Ready to add to water, to spray walls of barns, factories, and other buildings. Contains three pounds DDT per gallon of concentrate. Goes further. Add one quart to 15 quarts of water to cover 4000 square feet of walls, ceilings, or other surfaces. Gives 90 to 100 milligrams of DDT per square foot. Lasts one to three months. Kills insects that light on surfaces. Packed in one gallon cans. \$7.45 gal.



**Knox-Out Garden Dust**—This is a simple dust containing 5% DDT and a dusting element. The advantage of DDT in this is that it may be used for corn earworms, corn borers, and it is particularly efficient for potato bugs. It is one of the very few insecticides that may be used to control the Japanese Beetle, where it is found. 1 lb. can 30c, 3 lb. bag 75c.

**Pensalco Livestock Spray**—Pensalco Livestock Spray is a wettable dust containing 50% DDT. It is mixed with water and applied to dairy cattle as a spray for fly control. Controls horn flies, mosquitoes and certain other flies. A complete application is made to each animal to give fly resistance and fly killing coat to each. One 4-lb. package makes 50 gallons of spray. By using about three quarts per animal it gives a coating which will last from 10 to 30 days. Proved highly efficient in official tests. Packed in 4-lb. bags, 12 to the case. A 4-lb. bag will treat 25 to 30 cattle once. \$3.80 per 4-lb. bag.



### Kry-o-cide D-50

**Kry-o-cide D-50**—Natural Cryolite mixed with sulphur. Used as a dust only—kills most garden pests, and controls certain plant diseases such as powdery mildew, or black spot. Produces no injury, such as burning to fruit or vegetables. It is not decomposed by sunlight or weather. 1 lb. sifter can 50c, 3 lb. bag 85c.



### Kry-o-cide C

**Kry-o-cide C**—Natural Kryolite mixed with copper. May be used as a dust or spray. It is a combined insecticide and fungicide where copper is indicated for certain fungi and plant diseases. 1 lb. can 55c, 3 lb. bag 90c.

## KILLS ANTS—In the Nest!

This Scientific Method is Safe, Sure, Permanent

Antrol is easy to use, economical, with rust-proof aluminum lids, safe around children and pets. Consists of small, heavy glass containers from which worker ants carry special Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief. Controls both sweet and green-eating ants.

**Prices**—Antrol Ready-filled Sets, containing 4 filled Feeders... 40c  
**Antrol Regular Sets**—4 Containers and 4-oz. Bottle Syrup—enough for two fillings... 75c  
 Antrol Syrup for refilling, 4-oz. Bottle... 20c  
 Antrol Syrup for Refilling, Pint Bottle... 50c



Regular Set

A N T R O L

**Terro Ant Killer**—A liquid to be placed on small pieces of cardboard or other receptacles. Very effective. Small bottle 25c, large bottle 50c.



"THE HEART OF EVERY HOME"... *A Lovely Garden!*



If you want to achieve the garden that will be the envy of the neighborhood and win praise from friends, be sure that you feed it.

Feed everything you grow with Vigoro, complete plant food made by Swift & Company.

Vigoro is balanced for grass . . . helps develop deep, sturdy roots . . . and an abundance of top grass.

You'll find Vigoro EXTRA convenient for it is fine for feeding everything you grow.

**VIGORO BEAUTY PLANTS:** Over 30 planting arrangements and ideas by a famous landscape architect for small, medium, and large sized homes. Given with a 100-lb. bag of VIGORO.



# VIGORO

**COMPLETE PLANT FOOD**



1 lb. 15c, 5 lbs. 50c, 10 lbs. 90c, 25 lbs. \$1.60, 100 lbs. \$4.25

## End o Pest

*Protects the Beauty*  
**of your Garden**



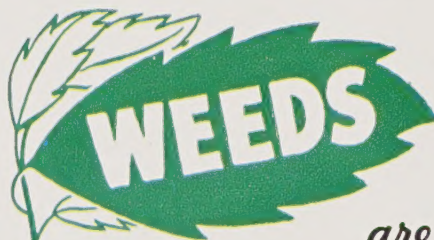
against

- CHEWING INSECTS
- SUCKING INSECTS
- FUNGUS DISEASES

Now you can easily protect your flowers and vegetable garden against the 3 major types of garden pests. Just a few strokes of the exclusive End o Pest dust gun gives you "all the protection most gardens need." Use End o Pest with confidence on edible fruits and vegetables as well as flowers and shrubs.

Gun 98c, Refill 75c, 2 lb. Can \$1.98

MADE  
BY  
SWIFT



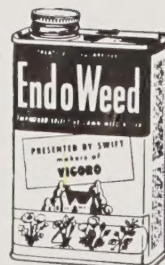
*are a*  
**NUISANCE!**

But they're a nuisance with which you no longer have to contend. Now you can spray them away . . . quickly, safely, easily . . . with improved End o Weed! One application penetrates the entire plant. Kills leaves, stems, roots and all . . . yet won't harm ordinary grass or affect the soil. End o Weed kills dandelions, chickweed, plantain and over 50 other weeds. Economical, 8 ounces treats 2000 sq. ft. of lawn.

### PRICES

1/2 pt. \$1.00, Quart \$2.75  
Gallon \$8.50  
Tablets 25c Pkg.

Presented by SWIFT—Makers of VIGORO





# Harvey's Lawn Seed Grows Better



## PREPARATION OF THE SOIL

Since the lawn is intended to be a permanent feature of the decoration of a place, its endurance or span of life is of utmost importance. In general, Grass Seeds are small and the surface bed for the reception of these seeds need not be more than one inch in depth; but since the grasses, as they become established send out long lateral feeding roots it is necessary that the soil area available for these plants should be as great as possible. This object can only be obtained by deep cultivation and thorough preparation of at least six or eight inches of the surface soil. In short, the land should be treated just as good as farm or garden land should be treated for raising an especially valuable crop. Fertilizer should be worked into the soil according to directions of manufacturers. We recommend Wedo. After the seed bed has been thoroughly and carefully prepared and the Grass Seed scattered in appropriate quantities, according to the kind used, the surface should be given a careful raking and a heavy lawn roller should be passed over the surface in order to make it as smooth as possible.

## HARVEY'S SPECIAL LAWN SEED

Is made up of an intelligently arranged combination of Fine Leaved Dwarf Grasses which are at their best during different months of the year, thus insuring that carpet of deep velvety green so much desired by lovers of good lawns, and is as fine in quality as years of experience and careful selection of seeds can make it. **Lb. \$1.25, 5 lb. \$6.15, 10 lb. \$12.00.**

## PARK LAWN SEED

A very good lawn mixture that is less expensive than our Special Mixture. **Lb. 90c, 5 lb. \$4.40, 10 lb. \$8.50.**

## SEED

In procuring seed for establishing a lawn, too great care cannot be exercised. Pure seed, of high germination is of great importance in securing a good stand of grass. Pure seed is the keynote to a clean lawn, provided the work of preparing the land has been efficiently done. Such preparation coupled with pure seed should give a satisfactory stand of grass which shall need only the usual care necessary to maintain a lawn after it is once established. Too much cannot be said in favor of securing pure and specially selected seed. Selected Seed is therefore, the most economical to buy, although the original cost is considerably more than that of the common article. The stand of grass resulting from the use of re-cleaned seed is much more uniform than when seed containing a great number of hulls and light seeds is employed.

## WHEN TO PLANT LAWN

There is a legitimate difference of opinion in regard to the season at which it is best to plant a lawn. There are those who are very successful in lawn making who depend almost entirely upon Fall planting and there are others who are equally successful who advocate the practice of Spring planting. Both of these systems are successful and the prospective lawn maker can use the method which best suits his convenience.

## SHADY NOOK LAWN SEED

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For such situations we recommend this mixture composed of fine dwarf growing varieties which do well in shady spots. Such situations should be watered more frequently and be fertilized at least three times during the season. **Lb. \$1.30, 5 lb. \$6.40, 10 lb. \$12.50.**

(FOR OTHER GRASS SEEDS—SEE PAGE 32)

**Harvey Seed Co., Inc., 65-69 Ellicott St., Buffalo 5, N. Y.**

**Telephone: Washington 0282**